WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

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Weekly Returns, 1878.

The Weekly Returns for 1878 will contain, as they did in 1876 and 1877, information relating to twenty-three of the largest cities and towns of the United Kingdom; the aggregate population of these twenty-three towns in the middle of 1878 is estimated at 8,373,953 persons. The Returns will also, as heretofore, show weekly vital statistics relating to the London Outer Ring, the population of which in the middle of this year is estimated at 872,711 persons. Thus the Weekly Returns during 1878 will relate to an estimated population of 9,246,664 persons residing within the United Kingdom. The Weekly Returns will, moreover, through the courtesy of various authorities abroad, contain weekly vital statistics for twenty-nine large cities situated in the four quarters of the world, and having a population of about twelve millions and a half of persons.

In the middle of this year it will be seven and a quarter years since the last census enumeration in 1871. The estimated population of each of the English towns, except Nottingham, Salford, and Oldham, for want of a more trustworthy basis, is based upon the observed rate of increase prevailing between recent census enumerations. The estimates for Nottingham, Salford, and Oldham have, however, been specially revised with the aid of local information as to the rate of increase of inhabited houses, proving to the satisfaction of the Registrar-General that the rates of increase in those boroughs since 1871 have considerably exceeded the rates which prevailed during the preceding ten years. From the beginning of this year the returns for Nottingham will relate to the new boundaries of that municipal borough, as fixed by the Nottingham Borough Extension Act of last session.

United Kingdom.

During last week 6606 *births* and 4265 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The natural increase of population was 2341. The mortality from all causes was at the average rate of 27 deaths annually in every 1000 persons living. The annual death-rate was 29 per 1000 in Edinburgh, 29 in Glasgow, and 32 in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Leicester 13, Salford 16, Wolverhampton 16, Portsmouth 20, Bradford 21, Nottingham 22, Sunderland 22, Newcastle-upon-Tyne 22, Sheffield 22, Hull 23, Norwich 23, Leeds 23, Oldham 26, Manchester 26, Bristol 26, Brighton 27, London 28, Plymouth 29, Birmingham 29, and the highest rate 33 in Liverpool.

London.

In London 2878 births and 1892 deaths were registered. Allowing for increase of population, the births exceeded by 172, and the deaths by 135, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 26·0 and 25·9 per 1000, further rose to 27·6, calculated upon the population in the middle of this year which is estimated at 3,577,304 persons.

The 1892 deaths included 26 from small-pox, 104 from measles, 31 from scarlet fever, 5 from diphtheria, 89 from whooping-cough, 28 from different forms of fever, and 9 from diarrhœa; thus to the seven principal diseases of the zymotic class 292 deaths were referred, against 301 and 311 in the two preceding weeks. These 292 deaths were equal to an annual rate of 4·3 per 1000. The 104 fatal cases of measles were within five of the number in the previous week, and exceeded the average by 60; a marked excess prevailed in East and South London, especially in Bow, Southwark, and Camberwell. Of the 31 deaths from scarlet fever, 4 were returned in Islington, and 6 in Bow and Poplar; and the 89 fatal cases of whooping-cough included 12 in Islington, 12 in Southwark, and

10 in Lambeth. The deaths referred to fever, which had been 41 and 36 in the two preceding weeks, further declined to 28 last week, and were 10 below the corrected average; one was a fatal case of typhus, 23 of enteric or typhoid, and 4 of simple fever. The fatal case of typhus occurred at 42, Egleton Road, Bromley (Middlesex). The 23 deaths from enteric fever included 3 in Islington, 3 in Paddington, 2 in Clerkenwell, 2 in Mile End Old Town, and 2 in Bow.

The deaths from small-pox, which had been 31 and 29 in the two previous weeks, further declined to 26 last week, of which 16 occurred in the Metropolitan Asylum Hospitals, and 10 in private dwelling-houses. Four of the deceased small-pox patients had resided in Islington, 4 in Stepney, 4 in Mile End Old Town, and 3 in Pancras. One fatal hospital case had been admitted from Penge. Of the 26 fatal small-pox cases, 13 were certified as unvaccinated and 7 as vaccinated, while in 6 cases the medical certificates gave no information as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which had declined to 137 in the beginning of October, afterwards steadily increased to 316 and 309 at the end of the last two weeks of the year, and further rose during last week to 374, the highest number since the middle of August last; 129 new cases were admitted during the week, while in the three preceding weeks the numbers were 85, 84, and 83, respectively. The Highgate Small-pox Hospital contained 36 patients on Saturday last, against 21 and 26 at the end of the two previous weeks.

The deaths referred to diseases of the respiratory organs, which had been 487 and 467 in the two previous weeks, rose to 535 last week, and exceeded the corrected weekly average by 76; 356 resulted from bronchitis, and 123 from pneumonia.

No less than 11 deaths in the week were directly referred to intemperance, the corrected average number for the corresponding week in the last 10 years being but 2·4. Three fatal accidents to intoxicated persons were also recorded.

Different forms of violence caused 67 deaths; 58 were the result of negligence or accident, including 22 from fractures and contusions, 13 from burns and scalds, 6 from drowning, and 11 of infants under one year of age from suffocation. The 22 deaths from fractures and contusions were thus caused:—male 30, run over by a wagon; female 38, knocked down by a fire-engine; female 74, knocked down by a cab; male 59, thrown from a cart; male 46, knocked down by an engine; male 21, injured while shunting on a railway; males 74 (intoxicated), 50, 47, and 68 (intoxicated), and female 37, fell down stairs; males 73 and 58, fell down area steps; male 49, fell down a hole; female 26, fell from a window; female 1 day, injured by fall; male 46 (intoxicated), fell on board ship, 60 feet; male 48, fractured ribs by being thrown to the ground; female 70, fractured ankle by a fall; male 41, injured by fall (nature of fall not stated); female 81, fracture of thigh; and female 6, concussion of brain (not stated how). An inquest was held in each of these 22 cases except the last two.

Greater London.

In Greater London 3433 births and 2194 deaths were registered, equal to annual rates of 40·3 and 25·7 per 1000 of the population. In the Outer Ring scarlet fever caused 3 deaths both in Romford and in West Ham sub-districts.

Dr. Frankland reports as the result of his analyses of the waters supplied to the Metropolis and some of its suburbs during December, that taking unity to represent the average amount of organic impurity in a given volume of the Kent Company's water during the last nine years, the proportional amount of such impurity in an equal volume of water supplied by each of the other Companies, and by the Tottenham Local Board, was:—Colne Valley 1·1, Kent 1·3, Tottenham 1·4, New River 3·0, East London 3·5, Southwark 5·3, Chelsea 5·3, Lambeth 5·6, Grand Junction 5·7, and West Middlesex 5·9. The water delivered by the five Companies drawing their supply from the Thames was "much polluted by organic matter, some of which was of most objectionable origin;" although the water delivered by four of these five Companies had been efficiently filtered, it was in each case "quite unfit for dietetic purposes." The Grand Junction water was slightly turbid, and contained moving organisms. The Lea water, delivered by the New River and East London Companies, had been efficiently filtered, but showed considerable organic pollution, although it was in this respect superior to the Thames water supplied by the other Companies. The waters distributed by the Kent and Colne Valley Companies and by the Tottenham Local Board, drawn from deep wells in the chalk, was of the usual excellent quality. The Colne Valley water had been softened previously to delivery.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 51, Bombay 41, Madras 89; Paris 25; Geneva 28; Amsterdam 33, Rotterdam 30, The Hague 26; Copenhagen 23, Stockholm 22; Christiania 18; St. Petersburgh 40; Berlin 26; Hamburg 27; Dresden 26, Breslau 27, Munich 32; Vienna 29, Buda-Pesth 36; Naples 26, Turin 21, Venice 29; Alexandria 38; New York 20, Brooklyn 20, Philadelphia 17, and Boston 17.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·95 in., the lowest reading was 29·27 in. on Sunday evening, and the highest 30·22 in. on Wednesday evening. The mean temperature of the *air* was 43°·9, and 7°·0 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed a marked excess on each day of the week, and on Sunday 30th was so high as 49°·6, which was 12°·3 above the average. The lowest night temperature was 32°·0 on Tuesday, and the highest day temperature in the shade 51°·5 on Sunday; the extreme range in the week was, therefore, 19°·5. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 73°·4 on Thursday. The difference between the mean *dew-point* and *air* temperature averaged 2°·5. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police ship, was 40°·6. The mean degree of *humidity* of the air was 91, complete saturation being represented by 100; the air was, therefore, of the average dryness. The general direction of the *wind* was South-west, and the horizontal movement of the air averaged 11·4 miles per hour, which was 1·7 below the average in the corresponding week of 16 years. *Rain* fell on five days of the week, to the aggregate amount of 0·48 of an inch. The duration of registered sunshine in the week was 3·5 hours, the sun being above the horizon during 55·1 hours; the recorded duration of sunshine was, therefore, equal to 6·4 per cent. of its possible duration.

The Registrar General has to acknowledge the courtesy of the London Water Companies who have furnished him with the average daily quantity of Water supplied during the month of December 1877; according to their returns 116,033,974 gallons or 527,195 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 215 gallons (97·7 decalitres) rather less than a *ton* by weight, to each house, and 30·3 gallons (13·8 decalitres) to each person, against 29·3 gallons during December 1876.

Companies.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons (including that for Manufactures and for various purposes other than for domestic consumption) during the Month of	
	December 1876.	December 1877.	December 1876.	December 1877.
Total Supply . . .	531,445	538,874	110,423,339	116,033,974
From Thames	250,648	254,179	56,032,761	57,864,383
From Lea and from other Sources . .	280,797	284,695	54,390,578	58,169,591
Thames.				
Chelsea	28,737	28,859	6,881,600	7,622,200
West Middlesex	48,680	50,135	9,533,505	8,913,001
Southwark and Vauxhall . . .	80,705	79,440	17,820,000	18,210,000
Grand Junction	37,055	37,910	10,284,856	10,713,682
Lambeth	55,471	57,835	11,512,800	12,405,500
Lea and other Sources.				
New River	125,011	126,071	24,132,000	26,073,000
East London	110,354	113,192	23,849,800	25,215,650
Kent	45,432	45,432	6,408,778	6,880,941

Note.—The Return for December 1877, as compared with that for the corresponding month of 1876, shows an increase of 7,429 houses, and of 5,610,635 gallons of water supplied daily.

Analysis of Metropolitan Water Supply during December.

Royal College of Chemistry, South Kensington Museum,
4th January, 1878.

Sir,

I have to report to you in the following Table the results of the chemical analysis of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of December.

I append, also, the results obtained in the analyses of the water supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the last nine years as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health was:—Colne Valley 1·1, Kent 1·3, Tottenham 1·4, New River 3·0, East London 3·5, Southwark 5·3, Chelsea 5·3, Lambeth 5·6, Grand Junction 5·7, West Middlesex 5·9.

The water drawn from the Thames by the Chelsea, West Middlesex, Grand Junction, Southwark, and Lambeth Companies was much polluted by organic matter, some of which was of most objectionable origin, and although it was efficiently filtered by four out of the five companies it was quite unfit for dietetic purposes. The water delivered by the Grand Junction Company was slightly turbid, and contained moving organisms.

The water of the Lea, as delivered after efficient filtration, by the New River and East London Companies was also polluted although to a much less extent.

The only good water supplied to London and the suburbs during December, and submitted by me to analysis was obtained from deep wells in the chalk. It was distributed by the Kent and Colne Valley Companies, and by the Tottenham Local Board of Health. This water was bright, sparkling, wholesome and palatable, and that portion of it delivered by the Colne Valley Company, having been softened by Clark's process, was not only of most excellent quality for dietetic purposes but was also well adapted for washing.

Seen through a stratum two feet deep, the water supplied by the Kent and Colne Valley Companies, and by the Tottenham Local Board was clear and colourless; the East London Company's water was clear and nearly colourless; the New River Company's water, clear and very pale yellow; that distributed by the Chelsea, West Middlesex, Southwark, and Lambeth Companies, clear and pale yellow; and that by the Grand Junction Company, slightly turbid and yellowish brown.

Dr. Hill, the Medical Officer of Health for Birmingham, reports that the water supplied to that town was "bright with a few suspended particles. It was rather harder than usual, and the nitrogen as nitrates was also higher, but the organic carbon was lower."

Dr. Mills, F.R.S., of Anderson's College, Glasgow, reports that the water supplied to that city from Loch Katrine was "pale brown. There were plenty of muddy particles and a few fibres."

I am, &c.

The Registrar General, &c. &c. E. Frankland.

Results of Analysis expressed in Parts per 100,000.

Companies or Local Authorities.	Date and Place of Collection.	Temperature in centigrade degrees.	Total Solid Matters.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Nitrates and Nitrites.	Total combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle. Thames:		°								
Chelsea	7th December, Cab Rank, Horse Guards.	7·3	25·96	·257	·053	0	·216	·269	1·65	18·8
West Middlesex	7th December, Cab Rank, Portland-road.	7·3	27·16	·298	·053	0	·200	·253	1·60	19·9
Southwark and Vauxhall	7th December, Cab Rank, St. George's Church, Borough.	7·8	29·54	·262	·050	0	·219	·269	1·55	21·2
Grand Junction	7th December, Lancaster-gate, Hyde Prk.	7·8	28·36	·269	·067	0	·205	·272	1·55	21·0
Lambeth	7th December, Cab Rank, Westminster Bridge-road.	7·0	29·72	·283	·048	0	·266	·314	1·70	20·3
Other Sources:										
New River	7th December, Cab Rank, Tottenham-court-road.	6·5	28·96	·147	·031	0	·326	·357	1·55	22·4
East London	7th December, Royal Hotel, Mile-End-rd.	6·3	20·30	·166	·041	0	·024	·065	1·75	13·4
Kent	6th December, Deptford Bridge Police Station.	11·3	40·30	·062	·015	0	·524	·539	2·50	27·5
Outer Circle. Colne Valley	12th December, Bushey.	8·8	12·10	·050	·014	0	·309	·323	1·40	5·6
Tottenham Board of Health	21st December, High Street, Tottenham.	—	44·00	·054	·027	0	·271	·298	3·15	25·0
Corporation of Birmingham*	12th December, 10, Court-street, George-st.	5·5	27·82	·195	·048	·003	·374	·424	1·90	16·4
Corporation of Glasgow †	13th December, Loch Katrine service.	6·0	2·90	·207	·028	0	·006	·034	·65	1·0
Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

* Analysed by Dr. Alfred Hill, Medical Officer of Health and Analyst to the Borough.
† Analysed by Dr. E. J. Mills, F.R.S., of Anderson's College, Glasgow.

The numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11, all relate to 100,000 parts of the waters. The Table is to be read thus: the Chelsea Company's water, collected on the 7th December at the Horse Guards cab-rank, had a temperature of 7°·3 C.; 100,000 lbs. of it contained 25·96 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·257 lb. of carbon and ·053 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·216 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of *combined* nitrogen in every form was ·269 lb. The above weight of water also contained 1·65 lbs. of chlorine; and 18·8 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 5th January, 1878.

CITIES AND BOROUGHS. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 5th January 1878.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
In 23 TOWNS in the UNITED KINGDOM	220,845	8,373,953	37·9	6606	4265	53·5	30·3	43·2	6·22	0·75	1·90
LONDON	75,362	3,577,304	47·5	2878	1892	51·5	32·0	43·9	6·61	0·48	1·22
BRIGHTON	2,354	103,923	44·1	65	54	51·0	32·9	44·2	6·78	0·83	2·11
PORTSMOUTH	4,486	129,461	28·9	72	49	–	–	–	–	–	–
NORWICH	7,472	84,620	11·3	70	37	49·5	33·0	41·7	5·39	0·74	1·88
PLYMOUTH	1,395	73,599	52·8	49	41	53·5	36·0	46·4	8·00	0·44	1·12
BRISTOL	4,452	206,419	46·4	140	104	52·0	32·7	44·2	6·78	0·61	1·55
WOLVERHAMPTON	3,396	74,240	21·9	69	23	50·0	30·3	41·8	5·45	0·63	1·60
BIRMINGHAM	8,400	383,117	45·6	350	215	–	–	–	–	–	–
LEICESTER	3,200	121,473	38·0	105	30	50·8	33·0	43·1	6·17	0·67	1·70
NOTTINGHAM	9,960	165,267	16·6	158	69	51·7	30·6	42·3	5·73	0·52	1·32
LIVERPOOL	5,210	532,681	102·2	398	333	52·1	37·7	44·5	6·95	1·33	3·38
MANCHESTER	4,293	360,514	84·0	260	182	–	–	–	–	–	–
SALFORD	5,170	170,251	32·9	133	51	49·6	31·5	41·7	5·39	1·17	2·97
OLDHAM	4,666	107,366	23·0	74	53	–	–	–	–	–	–
BRADFORD	7,220	185,088	25·6	122	76	51·6	35·1	44·0	6·67	1·14	2·90
LEEDS	21,572	304,948	14·1	248	135	52·0	36·0	43·8	6·56	1·22	3·10
SHEFFIELD	19,651	289,537	14·7	254	123	50·0	34·0	43·3	6·28	0·89	2·26
HULL	3,635	143,139	39·4	140	62	49·0	31·0	40·6	4·78	0·58	1·47
SUNDERLAND	3,306	112,459	34·0	97	47	50·0	35·0	42·7	5·95	0·96	2·44
NEWCASTLE-ON-TYNE	5,371	144,570	26·9	93	61	–	–	–	–	–	–
EDINBURGH	4,191	222,371	53·1	128	123	51·0	33·5	42·2	5·67	0·37	0·94
GLASGOW	6,033	566,940	94·0	512	315	50·0	36·5	42·9	6·06	0·30	0·76
DUBLIN	10,050	314,666	31·3	191	190	51·7	31·0	44·6	7·01	0·66	1·68

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.

† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday, the 5th January, 1878.

BOROUGHS, &c. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
				Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.		
In 20 TOWNS	26·1	3·7	3637	870	799	26	144	79	10	165	57	29	147	260	534
LONDON	27·6	4·3	1892	436	420	26	104	31	5	89	28	9	67	136	301
BRIGHTON	27·1	3·5	54	15	20	–	1	1	–	4	–	1	2	2	5
PORTSMOUTH	19·8	1·2	49	15	12	–	–	–	–	2	1	–	1	3	3
NORWICH	22·8	2·5	37	11	16	–	–	3	–	1	–	–	3	4	4
PLYMOUTH	29·1	3·5	41	15	11	–	–	–	–	4	–	1	2	2	2
BRISTOL	26·3	3·8	104	18	33	–	7	1	–	2	3	2	5	7	25
WOLVERHAMPTON	16·2	0·7	23	5	5	–	–	–	–	1	–	–	2	2	7
BIRMINGHAM	29·3	4·0	215	58	39	–	1	6	1	14	4	3	8	16	23
LEICESTER	12·9	0·0	30	9	5	–	–	–	–	–	–	–	–	1	2
NOTTINGHAM	21·8	1·6	69	19	23	–	2	–	–	1	–	2	1	6	13
LIVERPOOL	32·6	5·4	333	79	66	–	16	9	–	21	6	3	20	24	56
MANCHESTER	26·3	3·0	182	34	33	–	4	9	–	2	4	2	8	19	27
SALFORD	15·6	1·5	51	13	12	–	1	1	–	1	1	1	5	6	10
OLDHAM	25·8	4·4	53	12	8	–	1	2	–	4	1	1	1	2	4
BRADFORD	21·4	2·8	76	19	14	–	–	2	–	7	1	–	1	3	7
LEEDS	23·1	1·5	135	36	30	–	1	1	1	3	3	–	10	14	6
SHEFFIELD	22·2	3·6	123	26	21	–	3	10	3	2	–	2	5	6	21
HULL	22·6	2·2	62	16	11	–	2	–	–	–	3	1	1	2	9
SUNDERLAND	21·8	2·3	47	14	8	–	–	2	–	1	1	1	2	2	3
NEWCASTLE-ON-TYNE	22·0	3·2	61	20	12	–	1	1	–	6	1	–	3	3	6
DUBLIN	31·5	5·0	190	29	44	3	10	3	2	6	4	2	4	5	58

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the FIRST Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2318	2409	2431	2368	2454	2777	2413	2853	2448	2819	2529·0	2878
Males . .	1190	1243	1247	1173	1250	1380	1206	1451	1251	1456	1284·7	1460
Females .	1128	1166	1184	1195	1204	1397	1207	1402	1197	1363	1244·3	1418
TOTAL **Deaths**	1624	1501	1697	1828	1617	1212	1615	2296	1526	1507	1642·3	1892
Males . .	821	732	838	902	828	617	795	1110	746	804	819·3	926
Females .	803	769	859	926	789	595	820	1186	780	703	823·0	966

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Oct. 13.	Oct. 20.	Oct. 27.	Nov. 3.	Nov. 10.	Nov. 17.	Nov. 24.	Dec. 1.	Dec. 8.	Dec. 15.	Dec. 22.	Dec. 29.	Jan. 5.
TOTAL **Deaths** - - -	1321	1403	1499	1447	1448	1435	1571	1579	1547	1613	1761	1757	1892
0—20 - -	602	665	750	727	742	750	815	804	816	786	944	868	911
20—40 - -	183	188	193	216	190	192	209	219	183	218	205	217	244
40—60 - -	240	230	242	227	238	242	250	248	265	241	273	274	317
60—80 - -	250	274	252	231	233	215	253	267	238	307	282	331	345
at 80 years & upwds.	46	46	62	46	45	36	44	41	45	61	57	67	75
Deaths of children: Under 1 year -	315	307	358	342	337	323	381	375	391	359	417	398	436
Deaths of children: 1—5 - -	193	236	281	268	295	314	312	320	316	302	400	367	378
Deaths of children: 5—20 - -	94	122	111	117	110	113	122	109	109	125	127	103	97
Deaths from 7 principal Zymotic Diseases	195	214	241	229	229	223	258	248	234	248	301	311	292
" " Small-pox - -	14	8	14	9	25	14	27	31	25	31	31	29	26
" " Measles - -	33	36	67	47	62	66	82	81	76	92	102	109	104
" " Scarlet fever -	50	68	64	82	67	61	55	52	46	54	46	31	31
" " Diphtheria -	11	9	6	9	6	8	11	5	5	10	3	12	5
" " Whooping-cough	10	21	28	24	15	23	32	27	36	25	64	82	89
" " Typhus fever -	3	5	3	4	1	2	5	1	5	3	6	7	1
" " Enteric (or Typhoid) fever -	21	36	32	31	35	26	29	30	21	20	27	23	23
" " Simple Contd fever	5	6	4	4	6	–	4	5	1	3	8	6	4
" " Diarrhœa - -	48	25	23	19	12	23	13	16	19	10	14	12	9
" " Simple Cholera -	1	–	1	–	–	–	–	–	–	–	–	–	1
" " Dis. of Respiratory Organs -	259	297	371	335	338	313	409	417	397	415	487	467	535
" " Phthisis - -	149	151	159	158	140	150	163	128	133	151	170	158	167
" " Heart Diseases -	89	79	63	91	81	87	93	115	91	96	91	94	99
Violent Deaths - - -	51	47	56	46	40	53	43	45	48	55	44	50	67
Inquest Cases - - -	93	91	99	94	77	96	85	77	93	91	88	94	136
Deaths in Public Institutions	264	235	276	259	269	257	248	267	268	297	310	306	301
TEMPERATURE OF THE AIR:													
Mean - - - -	48·1°	46·7°	49·7°	49·1°	51·0°	45·6°	42·8°	41·9°	43·4°	39·0°	41·8°	37·8°	43·9°
Mean of Highest readings -	56·2	57·9	56·4	56·7	57·1	52·0	48·9	47·2	47·8	45·1	45·4	43·2	47·1
Mean of Lowest readings -	40·9	37·5	43·6	42·1	45·1	38·8	36·3	36·6	38·3	32·5	38·1	32·1	39·7
Mean Temperature of the Water of the Thames -	52·7	51·5	–	50·7	50·6	49·2	45·5	43·0	42·2	42·4	40·9	40·7	40·6
Humidity of the Air - -	77	72	87	80	86	88	84	86	90	87	91	79	91
Rain-fall in inches - -	0·33	0·13	1·24	0·04	0·72	0·83	1·12	1·07	0·49	0·18	0·03	0·55	0·48
Registered Sunshine (in hours)	18·0	35·0	10·8	19·2	12·7	10·9	11·9	12·3	4·5	6·0	1·5	12·2	3·5

METEOROLOGICAL OBSERVATIONS. (*See* TABLE **1.**)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FIRST Week of the Year 1878.

CAUSES OF DEATH.	Average in the First Weeks of the 10 years 1868–77.*	In the Week ending Saturday, January 5, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
Mean Temperature	40°·4	43°·9							
ALL CAUSES	1642·3	1892	436	378	97	244	317	345	75
SPECIFIED CAUSES	1634·5	1889	436	378	97	244	315	344	75
I. ZYMOTIC.									
ORDER 1.									
1. Small-pox	33·1	26	2	3	7	11	3	-	-
2. Measles	40·8	104	20	75	8	1	-	-	-
3. Scarlet Fever	57·9	31	3	21	6	1	-	-	-
4. Diphtheria	7·4	5	-	2	2	1	-	-	-
5. Quinsy	·8	1	-	1	-	-	-	-	-
6. Croup	12·6	12	2	10	-	-	-	-	-
7. Whooping-cough	54·6	89	31	54	4	-	-	-	-
8. Typhus	35·4 (Enteric or Typhoid Fev. — Simple continued Fev.)	1	-	-	-	-	1	-	-
— Enteric or Typhoid Fev.		23	1	3	7	10	2	-	-
— Simple continued Fev.		4	-	1	-	1	2	-	-
9. Erysipelas	11·3	7	3	-	1	-	2	1	-
10. Puerperal Fev. (Metria)	6·1	6	-	-	-	6	-	-	-
11. Carbuncle	·6	-	-	-	-	-	-	-	-
12. Influenza	1·0	-	-	-	-	-	-	-	-
13. Dysentery	1·1	-	-	-	-	-	-	-	-
14. Diarrhœa	14·8	9	3	1	-	-	-	5	-
15. Simple Cholera	·4	1	1	-	-	-	-	-	-
16. Ague	·1	-	-	-	-	-	-	-	-
17. Remittent Fever	·2	-	-	-	-	-	-	-	-
18. Rheumatism	9·4	11	-	-	2	1	5	3	-
19. Other *Zymotic* Diseases	·5	-	-	-	-	-	-	-	-
ORDER 2.									
1. Syphilis	8·5	8	5	2	-	-	1	-	-
2. Stricture of Urethra	1·6	1	-	-	-	1	-	-	-
3. Hydrophobia	·1	-	-	-	-	-	-	-	-
4. Glanders	·1	-	-	-	-	-	-	-	-
ORDER 3.									
1. Privation	·5	1	-	-	-	-	1	-	-
2. Want of Breast-milk	10·7	12	12	-	-	-	-	-	-
3. Purpura and Scurvy	1·1	1	-	-	-	-	-	1	-
4. Alcoholism — *a* Del. Tremens	2·3	-	-	-	-	-	-	-	-
4. Alcoholism — *b* Intemperance	2·2	11	-	-	-	2	6	3	-
ORDER 4.									
1. Thrush	1·8	3	3	-	-	-	-	-	-
2. Worms, &c.	·5	-	-	-	-	-	-	-	-
II. CONSTITUTIONAL.									
ORDER 1.									
1. Gout	2·7	3	-	-	-	-	3	-	-
2. Dropsy	10·6	8	1	1	-	1	1	3	1
3. Cancer	32·5	47	-	-	-	7	23	12	5
4. Cancrum Oris (Noma)	·5	-	-	-	-	-	-	-	-
5. Mortification	3·5	4	-	-	-	-	-	4	-
ORDER 2.									
1. Scrofula	10·1	11	3	6	1	1	-	-	-
2. Tabes Mesenterica	16·7	24	14	9	1	-	-	-	-
3. Phthisis	159·5	167	2	7	12	87	48	11	-
4. Hydrocephalus	27·5	26	6	18	2	-	-	-	-
III. LOCAL.									
ORDER 1.									
1. Cephalitis	15·6	27	8	12	3	3	1	-	-
2. Apoplexy	49·0	55	3	4	1	3	16	22	6
3. Paralysis	33·1	35	-	-	-	5	7	18	5
4. Insanity	2·7	2	-	-	-	1	-	1	-
5. Chorea	·1	-	-	-	-	-	-	-	-
6. Epilepsy	6·0	5	-	-	1	1	2	1	-
7. Convulsions	52·7	49	37	12	-	-	-	-	-
8. *Brain Disease, &c.*	22·2	32	3	-	6	3	7	12	1
ORDER 2.									
1. Pericarditis	3·0	3	-	-	-	-	1	2	-
2. Aneurism	4·2	3	-	-	-	2	1	-	-
3. *Heart Disease, &c.*	86·8	93	-	-	5	16	34	34	4
ORDER 3.									
1. Laryngitis	11·2	9	3	4	2	-	-	-	-
2. Bronchitis	271·9	356	85	70	1	12	61	112	15
3. Pleurisy	3·6	6	-	-	-	1	3	2	-
4. Pneumonia	102·5	123	37	32	11	21	14	8	-
5. Asthma	16·9	14	-	-	-	3	9	1	1
6. *Lung Disease, &c.*	22·9	27	10	7	-	-	-	9	1
ORDER 4.									
1. Gastritis	1·2	6	-	-	1	1	1	3	-
2. Enteritis	6·5	7	2	1	-	2	2	-	-
3. Peritonitis	5·7	7	2	1	1	1	-	1	1
4. Ascites	1·8	-	-	-	-	-	-	-	-
5. Ulceration of Intestines	3·5	2	-	-	1	1	-	-	-
6. Hernia	4·6	4	1	-	-	-	1	2	-
7. Ileus	3·9	6	1	-	-	-	4	1	-
8. Intussusception	1·7	-	-	-	-	-	-	-	-
9. Stricture of Intestines	1·1	-	-	-	-	-	-	-	-
10. Fistula	·3	-	-	-	-	-	-	-	-
11. *Stomach Disease, &c.*	7·2	10	3	-	-	4	1	1	1
12. *Pancreas Disease, &c.*	—	-	-	-	-	-	-	-	-
13. Hepatitis	4·6	7	-	-	-	-	5	2	-
14. Jaundice	4·0	1	-	-	-	-	-	-	1
15. *Liver Disease, &c.*	18·6	26	1	1	1	8	9	6	-
16. *Spleen Disease, &c.*	·1	-	-	-	-	-	-	-	-
ORDER 5.									
1. Nephritis	1·8	2	-	-	1	-	1	-	-
2. Ischuria	·3	1	-	-	-	-	-	1	-
3. Bright's Dis. (Nephria)	10·3	11	-	-	2	1	5	3	-
4. Diabetes	2·2	3	-	-	-	1	2	-	-
5. Calculus (Stone)	·9	1	-	-	-	-	1	-	-
6. Cystitis	1·7	7	-	-	-	-	1	6	-
7. *Kidney Disease, &c.*	10·1	8	1	-	-	1	2	3	1
ORDER 6.									
1. Ovarian Dropsy	·4	-	-	-	-	-	-	-	-
2. *Uterus Disease, &c.*	5·0	4	-	-	-	1	3	-	-
ORDER 7.									
1. Synovitis (Arthritis)	·3	-	-	-	-	-	-	-	-
2. *Joint Disease, &c.*	6·0	8	-	-	4	-	2	2	-
ORDER 8.									
1. Phlegmon	3·3	3	1	1	-	-	1	-	-
2. Ulcer	1·3	1	-	-	-	-	-	1	-
3. *Skin Disease, &c.*	1·7	1	1	-	-	-	-	-	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth	22·6	35	35	-	-	-	-	-	-
2. Cyanosis	3·7	1	1	-	-	-	-	-	-
3. Spina Bifida	1·8	1	1	-	-	-	-	-	-
4. Other Malformations	1·8	3	3	-	-	-	-	-	-
5. Teething	15·1	22	12	10	-	-	-	-	-
ORDER 2.									
1. Paramenia	·2	-	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever)	4·9	8	-	-	-	6	2	-	-
ORDER 3.									
1. Old Age	63·8	59	-	-	-	-	-	28	31
ORDER 4.									
1. Atrophy and Debility	61·1	71	54	4	-	-	2	11	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	24·2	22	1	-	1	5	9	5	1
2. Wounds — Gunshot	·8	-	-	-	-	-	-	-	-
2. Wounds — Cut, Stab		-	-	-	-	-	-	-	-
3. Burns and Scalds	8·4	13	4	5	2	-	2	-	-
4. Poison	·9	1	-	-	-	1	-	-	-
5. Drowning	4·3	6	-	-	-	5	1	-	-
6. Suffocation	14·6	12	11	-	-	-	1	-	-
7. Otherwise	4·2	4	2	-	-	-	-	2	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	1·6	1	1	-	-	-	-	-	-
ORDER 4. (SUICIDE.)									
1. Wounds — Gunshot	·3	3	-	-	-	2	1	-	-
1. Wounds — Cut, Stab	·9	-	-	-	-	-	-	-	-
2. Poison	·7	1	-	-	-	-	1	-	-
3. Drowning	1·0	2	-	-	-	1	1	-	-
4. Hanging	1·3	2	-	-	-	1	-	1	-
5. Otherwise	·5	-	-	-	-	-	-	-	-
ORDER 5. (EXECUTION.)									
1. Hanging	·2	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained)	1·2	-	-	-	-	-	-	-	-
Causes not specified or ill-defined	6·6	3	-	-	-	-	2	1	-

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
LONDON	3,254,260	2878	1892	436	420	26	104	31	5	89	1	23	4	9	67	136	301
WEST DISTRICTS	561,359	444	321	76	74	-	6	9	-	14	-	6	1	4	5	19	56
NORTH DISTRICTS	751,729	634	409	99	93	14	19	7	-	23	-	5	-	3	13	30	59
CENTRAL DISTRICTS	334,369	207	156	23	37	-	3	2	1	1	-	2	-	-	11	16	28
EAST DISTRICTS	639,111	637	396	98	92	7	29	7	1	20	1	4	1	1	13	30	76
SOUTH DISTRICTS	967,692	956	610	140	124	5	47	6	3	31	-	6	2	1	25	41	82
WEST DISTRICTS.																	
St. Mary Paddington *WH*	58728	48	25	6	6	-	2	1	-	3	-	2	-	-	-	1	2
St. John Paddington *H*	38085	23	13	3	3	-	-	1	-	-	-	1	-	-	-	1	1
Kensington Town *W*	91645	88	72	21	18	-	1	3	-	3	-	1	-	4	4	7	7
Brompton *H*	28654	24	17	2	5	-	-	-	-	-	-	-	-	-	-	-	7
St. Peter Hammersmith	6662	4	4	1	2	-	-	-	-	-	-	-	-	-	-	2	-
St. Paul Hammersmith *H*	36029	43	24	6	4	-	-	-	-	2	-	-	-	-	-	2	-
Fulham *WwH*	23350	28	17	7	2	-	-	-	-	1	-	1	-	-	-	1	1
Chelsea South *HHH*	26420	18	9	4	1	-	-	-	-	-	-	-	-	-	-	-	-
Chelsea North-west *WHHHH*	22926	20	12	3	1	-	-	-	-	-	-	-	-	-	-	1	7
Chelsea North-east	21392	29	15	5	4	-	1	1	-	-	-	-	-	-	-	2	-
Hanover Square *H*	18698	3	10	3	2	-	-	1	-	1	-	-	-	-	-	-	-
May Fair *WW*	13358	12	12	1	8	-	-	-	-	-	-	-	-	-	-	-	9
Belgrave *HH*	57972	36	30	5	3	-	-	-	-	1	-	1	1	-	1	2	12
St. John Westminster *HH*	38478	30	23	5	5	-	1	-	-	3	-	-	-	-	-	-	1
St. Margaret Westminster *WH*	27781	6	15	1	4	-	-	2	-	-	-	-	-	-	-	-	7
Golden Square *WH*	12860	4	9	1	3	-	1	-	-	-	-	-	-	-	-	-	1
Berwick-street *H*	20759	13	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Anne Soho *HHHHH*	17562	15	9	1	2	-	-	-	-	-	-	-	-	-	-	-	1
NORTH DISTRICTS.																	
All Souls Marylebone *HHHH*	28579	14	14	4	1	-	1	-	-	-	-	-	-	-	1	2	5
Cavendish Square *HH*	15425	6	9	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone *WH*	26384	16	19	3	9	-	-	-	-	2	-	-	-	-	1	2	12
St. Mary Marylebone *HHH*	21786	18	10	2	2	-	-	-	-	1	-	-	-	-	-	-	1
Christchurch Marylebone *H*	33944	26	23	6	5	-	-	-	-	-	-	-	-	-	-	-	-
St. John Marylebone *H*	33136	19	12	5	2	-	2	-	-	1	-	-	-	-	-	-	-
Hampstead *WwHH*	32281	26	17	3	4	5	-	-	-	1	-	-	-	1	-	-	5
Regent's Park Pancras	38200	30	13	3	1	-	1	-	-	1	-	-	-	-	2	2	-
Tottenham-court *wHHH*	29370	16	14	1	1	-	1	-	-	-	-	-	-	-	-	1	6
Gray's Inn Lane *HHH*	29221	29	19	4	7	1	-	-	-	-	-	-	-	-	2	3	1
Somers Town	38533	27	19	2	8	-	-	-	-	-	-	-	-	1	1	3	-
Camden Town *WH*	17943	13	8	2	4	-	-	1	-	-	-	-	-	-	-	1	5
Kentish Town *w*	68198	56	30	6	5	-	4	-	-	4	-	-	-	-	-	4	2
Islington West *HHH*	97820	98	58	10	8	1	3	2	-	6	-	3	-	1	1	2	3
Islington East *WwwH*	115958	117	69	22	16	-	5	2	-	6	-	1	-	-	1	3	5
Stoke Newington *H*	9841	20	8	3	2	-	-	-	-	1	-	-	-	-	2	2	-
Stamford Hill	6598	3	1	-	1	-	-	-	-	-	-	-	-	-	-	1	-
West Hackney	28069	18	19	8	2	-	-	-	-	-	-	-	-	-	-	1	-
Hackney *WwwHL*	50104	52	31	6	9	7	1	2	-	-	-	1	-	-	2	3	14
South Hackney	30339	30	16	9	2	-	1	-	-	-	-	-	-	-	-	-	-
CENTRAL DISTRICTS.																	
St. George Bloomsbury	17853	5	7	1	2	-	-	-	-	-	-	-	-	-	1	1	-
St. Giles South *WH*	19109	13	14	3	3	-	-	-	1	-	-	-	-	-	-	-	4
St. Giles North	16594	12	7	1	1	-	-	-	-	-	-	-	-	-	-	1	-
Long Acre	11379	14	6	1	1	-	-	-	-	-	-	-	-	-	-	1	-
Charing Cross *HH*	9859	3	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary-le-Strand	9378	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes *H*	10723	3	6	-	3	-	-	-	-	-	-	-	-	-	1	1	2
St. George-the-Martyr *HHHHH*	20521	8	14	1	-	-	-	-	-	-	-	-	-	-	1	1	3
St. Andrew Eastern *W*	13529	4	7	1	2	-	-	-	-	-	-	-	-	-	-	-	5
Saffron Hill *H*	9066	4	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell *W*	18917	15	9	-	1	-	1	-	-	1	-	1	-	-	-	1	3
Amwell Clerkenwell	16884	15	5	1	2	-	1	-	-	-	-	1	-	-	-	1	-
Pentonville	13337	14	7	3	2	-	-	-	-	-	-	-	-	-	-	2	-
Goswell-street	16242	21	6	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Old-street *H*	12161	10	15	3	4	-	-	2	-	-	-	-	-	-	3	3	-
City-road *HHL*	18301	17	9	1	4	-	1	-	-	-	-	-	-	-	-	-	2
Whitecross-street	13792	8	3	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Finsbury	10741	7	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph East London *H*	14540	7	6	-	3	-	-	-	-	-	-	-	-	-	-	-	1
Cripplegate	13638	8	4	1	1	-	-	-	-	-	-	-	-	-	1	1	-
St. Sepulchre *H*	7562	1	8	-	2	-	-	-	-	-	-	-	-	-	2	2	8
St. Bride *W*	11185	8	6	2	1	-	-	-	-	-	-	-	-	-	1	1	-
Castle Baynard	4426	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch	6270	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe	4753	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking	5764	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad-street *H*	7845	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at the foot of next page.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT turday, 5th January 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
olywell Shoreditch	12430	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
. Leonard Shoreditch *HL*†	16545	16	4	1	2	-	-	-	-	1	-	-	-	-	-	-	-
oxton New Town *w*	27835	22	21	3	12	-	-	1	1	-	-	-	-	-	-	1	10
oxton Old Town	26933	29	15	4	4	-	-	-	-	-	-	-	-	-	-	-	-
aggerston* *WH*	43421	41	34	8	17	-	4	-	-	2	-	-	-	-	-	-	15
ackney-road *H*	29822	32	9	4	-	-	-	-	-	2	-	-	-	-	-	-	-
een, Bethnal Green *WHL*†	42433	45	28	5	7	-	1	-	-	2	-	-	-	-	-	2	9
urch, Bethnal Green	26577	32	12	6	2	-	1	-	-	1	-	-	-	-	-	4	-
own, Bethnal Green	21272	16	11	2	2	-	-	-	-	-	-	-	-	-	2	2	-
italfields *H*	22499	20	11	5	2	-	-	-	-	1	-	-	-	-	2	4	-
ile End New Town *W*	15550	9	19	3	4	-	-	-	-	-	-	-	-	-	-	2	13
hitechapel North	11597	6	8	2	2	-	2	-	-	-	-	-	-	-	-	3	-
hitechapel Church *H*	7322	4	10	1	1	-	-	-	-	-	-	-	-	-	2	2	8
odman's Fields	10381	1	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
dgate	9224	8	2	1	-	-	-	-	-	-	-	-	-	-	-	1	-
. Mary St. George East	17900	15	10	2	1	-	1	-	-	-	-	-	-	-	-	-	-
. Paul St. George East	21350	30	14	5	3	1	2	-	-	2	-	-	-	-	-	-	-
. John St. George East *W*	8802	19	10	1	1	-	-	-	-	-	-	-	-	-	1	1	5
adwell *H*	11640	12	9	2	1	-	1	-	-	-	-	-	-	-	1	2	2
tcliff	16131	22	8	1	1	1	1	-	-	2	-	-	-	-	-	-	-
mehouse	29919	33	18	4	3	1	3	-	-	1	-	-	1	-	3	3	-
ile End Old Town Western	38128	37	24	7	6	1	1	-	-	1	-	-	-	-	-	1	-
ile End Old Town Eastern *WwwH*	55024	47	40	8	7	3	4	-	-	2	-	2	-	-	-	1	3
ow *wwwH*	67765	85	58	13	10	-	7	4	-	2	1	2	-	1	2	1	11
oplar *WW*	48611	52	17	8	4	-	1	2	-	1	-	-	-	-	-	-	-
SOUTH DISTRICTS.																	
ristchurch Southwark *WH*	14573	11	5	1	3	-	-	-	-	-	-	-	-	-	-	1	1
. Saviour Southwark *H*	15677	12	12	4	1	-	-	-	-	-	-	-	-	1	-	-	-
ent-road	20421	27	20	8	1	-	2	-	-	2	-	-	-	-	-	1	-
orough-road *WH*	16695	16	10	3	-	-	-	1	-	1	-	-	-	-	-	-	2
ondon-road *HL*	18961	21	6	1	1	-	-	-	-	-	-	-	-	-	1	1	1
inity Newington	23682	13	13	3	1	-	1	-	-	2	-	-	1	-	-	-	-
. Peter Walworth *W*	48248	50	50	9	9	-	4	-	1	1	-	-	-	-	3	3	15
. Mary Newington	16792	19	13	3	3	-	1	-	-	1	-	-	-	-	-	-	-
. Olave Southwark *H*	4373	8	11	-	1	-	-	-	-	-	-	-	-	-	2	2	10
. John Horsleydown *W*	10500	8	7	1	2	-	-	1	-	-	-	-	-	-	1	1	-
ather Market	16787	14	17	7	1	-	2	-	-	3	-	-	-	-	-	4	-
. Mary Magdalen *W*	15709	16	17	1	2	-	-	-	-	1	-	-	-	-	-	-	8
. James Bermondsey	47933	58	32	7	8	-	2	-	-	4	-	1	-	-	-	1	-
otherhithe *W*	27096	31	20	5	2	-	3	-	-	1	-	-	-	-	2	2	1
aterloo-road 1st *H*	14074	9	7	-	3	-	-	-	-	-	-	-	-	-	-	1	-
aterloo-road 2nd *H*	18465	11	5	-	1	-	-	-	-	-	-	1	-	-	1	1	-
mbeth Church 1st *H*	19492	16	19	4	2	-	-	-	-	2	-	-	-	-	6	7	9
mbeth Church 2nd *WW*	35833	29	25	2	8	-	-	-	-	4	-	-	1	-	-	1	9
ennington 1st	41286	36	15	4	3	-	-	-	-	-	-	-	-	-	-	-	-
ennington 2nd	31221	25	18	4	3	-	2	1	1	2	-	1	-	-	-	-	-
rixton *w*	35435	46	23	6	4	4	1	1	-	1	-	-	-	-	-	-	5
orwood *W*	12536	8	5	1	2	-	-	-	-	1	-	-	-	-	-	-	-
apham *H*	27347	27	14	5	5	-	-	-	-	-	-	1	-	-	-	-	-
attersea *Ww*	54016	81	36	14	8	1	1	-	-	-	-	-	-	-	2	3	2
andsworth *HL*	19783	12	8	-	2	-	-	-	-	-	-	-	-	-	1	1	4
itney	9439	3	6	1	4	-	-	-	-	-	-	-	-	-	-	-	-
reatham	14475	14	10	2	2	-	1	-	-	1	-	-	-	-	-	1	-
lwich	4041	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
mberwell *WL*†*L*†	31254	42	23	4	11	-	4	2	-	-	-	-	-	-	-	-	8
ckham *W*	42160	60	31	11	3	-	6	-	-	1	-	-	-	-	1	3	-
. George Camberwell	33851	37	21	4	3	-	3	-	-	-	-	-	-	-	-	1	-
. Paul Deptford *w*	53714	49	29	9	6	-	3	-	-	1	-	1	-	-	2	1	-
. Nicholas Deptford	6474	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
eenwich West	21034	10	4	-	2	-	1	-	-	-	-	-	-	-	-	-	-
eenwich East *WH*	19378	14	13	2	2	-	2	-	-	-	-	-	-	-	2	2	2
tham *H*	4539	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e	16440	12	5	-	2	-	-	-	-	-	-	-	-	-	1	1	-
wisham Village *WH*	11513	23	6	-	1	-	-	-	-	-	-	-	-	-	-	1	1
denham *H*	19065	18	8	2	2	-	-	-	-	-	-	-	-	-	-	-	-
arlton *H*	9564	5	8	1	-	-	4	-	-	-	-	1	-	-	-	-	3
oolwich Dockyard	17226	15	13	3	2	-	4	-	-	-	-	-	-	-	-	1	-
oolwich Arsenal *WHH*	18331	16	7	2	4	-	-	-	-	-	-	-	-	-	-	-	-
umstead West	13027	12	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-
umstead East *W*	15232	20	11	5	1	-	-	-	1	2	-	-	-	-	-	-	1

he following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the ve Table by *w* :—

Central London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary " " "
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.
London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

* The two sub-districts of Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston sub-trict.

† Private Lunatic Asylums in which paupers are received.

Table 7. LONDON—OUTER RING.—Area; Population; Births and Deaths registered during Week ending Saturday, 5th January 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
	LONDON—OUTER RING	368,414	631,381	555	302	57	95	1	5	9	5	4	8	2	9	17
29 : 1	Carshalton *wL* - - -	12228	13523	14	7	2	1	-	-	-	-	-	-	-	-	-
2	Epsom (*part of*) * *WH* -	9971	9145	5	4	-	4	-	-	-	-	-	-	-	-	-
36 : 1	Godstone (*part of*) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	60	28	5	5	-	1	-	2	-	2	-	1	1
2	Mitcham *WH* - - -	11697	12534	16	5	1	1	-	-	-	-	-	-	-	-	-
38 : 1	Wimbledon *HH* - - -	3220	9087	10	4	1	-	-	-	-	-	-	1	-	-	-
2	Kingston *WH* - - -	8549	27489	29	7	2	2	-	-	-	-	-	-	-	-	-
3	Esher (*part of*) * - -	6601	7353	3	2	1	-	-	-	-	-	2	-	-	-	-
4	Hampton - - - -	4573	10185	6	2	-	-	-	1	-	-	-	-	-	-	-
39 : 1	Richmond *WH* - - -	2271	16829	16	7	1	2	-	-	-	-	-	1	-	-	-
2	Mortlake - - - -	2961	9316	8	3	-	1	-	1	-	-	-	-	-	-	-
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	35	6	2	-	-	-	-	-	-	-	-	-	-
2	Chislehurst (*part of*) * *W* -	13665	10028	6	1	-	1	-	-	-	-	-	-	-	-	-
41 : 1	Bexley *H* - - - -	13439	19566	12	9	2	3	-	-	-	1	-	-	-	-	1
123 : 1	Sunbury *W* - - -	11055	9860	8	4	1	-	-	-	-	-	-	-	-	-	-
2	Staines *W* - - - -	13277	10339	6	5	-	4	-	-	-	-	-	-	-	1	2
124 : 1	Hillingdon *WH* - - -	6029	9712	8	5	1	3	-	-	-	-	-	-	1	1	1
2	Uxbridge - - - -	6178	5329	6	2	1	-	-	-	-	-	-	-	-	-	-
3	Hayes *WL* - - - -	14587	10497	8	7	3	1	-	-	-	-	-	-	-	-	-
125 : 1	Isleworth *W* - - -	7008	19930	8	9	1	4	-	-	-	-	-	1	-	1	2
2	Twickenham - - -	2477	10533	3	3	1	-	-	-	-	-	-	-	-	-	-
3	Brentford *HL* - - -	4370	20279	17	9	4	4	-	-	-	-	-	-	-	-	2
4	Chiswick - - - -	1311	8508	10	2	1	-	-	-	-	-	-	-	-	-	1
5	Acton *WH* - - - -	6087	12683	12	8	2	3	-	-	-	-	-	-	-	-	-
126 : 1	Harrow *H* - - - -	13809	10869	3	7	-	5	-	-	-	-	-	-	-	1	1
2	Edgware *H* - - -	6994	3450	5	1	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	13	11	4	2	-	-	1	-	-	-	-	-	-
4	Hendon *WH* - - -	8382	6972	10	5	1	2	-	-	-	-	-	-	-	-	-
127 : 1	South Mimms - - -	15419	5924	6	5	-	2	-	2	-	-	-	-	1	-	-
2	Barnet *W* - - - -	5423	7752	1	5	-	4	-	-	-	-	-	-	-	-	-
3	Finchley *L* - - - -	4688	11493	6	10	2	2	-	-	-	-	-	-	-	-	1
128 : 1	Hornsey *H* - - - -	3039	19357	20	14	1	2	-	-	-	1	-	-	-	1	1
2	Tottenham *H* - - -	4642	22869	23	15	4	3	-	-	1	-	-	-	-	2	2
3	Edmonton *WW* - - -	7483	13860	15	12	2	7	-	-	-	-	-	-	-	-	-
4	Enfield *WH* - - -	12653	16054	7	10	-	5	-	-	-	1	-	-	-	1	1
5	Waltham Abbey - - -	11017	5197	2	-	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	2	1	-	1	-	-	-	-	-	-	-	-	-
134 : 1	Hatfield (*part of*) * - -	3180	559	1	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	4	-	-	-	-	-	-	-	-	-	-	-	-
185 : 1	Stratford - - - -	882	23286	30	9	3	1	-	-	-	-	1	1	-	-	-
2	West Ham *WWWW* - -	7345	44642	58	34	4	10	1	-	3	-	1	2	-	-	1
3	Leyton *WW* - - -	4274	15513	15	6	-	3	-	-	-	-	-	-	-	-	-
4	Walthamstow *H* - -	6619	15701	16	7	-	3	-	-	1	-	-	-	-	-	-
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	4	3	2	1	-	-	-	-	-	-	-	-	-
188 :	Romford (*part of*) * - -	6730	2879	-	4	1	1	-	-	3	-	-	-	-	-	-
2	Ilford - - - - -	8492	5947	6	2	-	2	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	2	2	1	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Godst sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 90 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoidon-B (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.]

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 5th January 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	
EATER LONDON	446,494	4,450,015	25·7	3·8	2194	493	515	27	109	40	10	93	36	11	76	338
INNER LONDON -	78,080	3,577,304	27·6	4·3	1892	436	420	26	104	31	5	89	28	9	67	301
OUTER RING -	368,414	872,711	18·1	2·0	302	57	95	1	5	9	5	4	8	2	9	37

OTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal 97·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area 68,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, hich 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than iles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,566,865 Persons.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	December 1	–	416	50·5	Fevers 142; cholera 32.
BOMBAY - -	644,405	„ 4	–	509	41·1	Measles 40.
MADRAS - -	397,552	November 9	309	684	89·4	Small-pox 31; dysentery 175.
PARIS - - -	1,988,806	January 3	–	970	25·4	Typhoid fever 21; diphtheria 35.
GENEVA - -	67,829	December 29	38	36	27·7	Typhus and typhoid fever 2.
BRUSSELS - -	173,000	„ 29	–	–	–	—
AMSTERDAM -	289,981	„ 22	221	188	33·0	Whooping-cough 8.
ROTTERDAM -	136,231	„ 22	108	78	29·7	—
THE HAGUE -	104,095	„ 22	101	51	25·5	—
COPENHAGEN -	215,000	„ 25	162	95	23·1	Diphtheria 3.
STOCKHOLM -	146,845	„ 22	–	62	21·9	Scarlet fever 4; typhoid fever 3.
CHRISTIANIA -	79,000	„ 22	62	28	18·4	Whooping-cough 3.
ST. PETERSBURGH	669,741	„ 8	–	512	39·8	Small-pox 6; typhus and typhoid fever 53.
BERLIN - -	997,269	„ 15	807	503	25·7	Scarlet fever 27; diphtheria 23.
HAMBURG (State)	393,588	„ 15	327	200	26·5	Whooping-cough 8; diphth. and croup 6.
DRESDEN - -	202,295	„ 15	169	102	25·9	Scarlet fever 6; diphtheria and croup 12.
BRESLAU - -	257,000	„ 29	180	134	27·1	Fevers 3.
MUNICH - -	215,000	„ 29	184	131	32·0	Diphtheria and croup 11; typhoid fever 4.
VIENNA - -	714,548	„ 29	543	392	28·5	Small-pox 12; scar. fever 13; diphtheria 18.
BUDA-PESTH -	315,401	„ 22	251	217	35·8	Diphtheria 11.
ROME - - -	280,564	November 24	–	–	–	—
NAPLES - -	454,948	December 2	–	225	25·7	Diphtheria 4.
TURIN - -	223,488	„ 15	122	103	21·3	Diphtheria and croup 11; fevers 5.
VENICE - -	139,796	„ 29	90	77	28·7	Typhoid fever 2.
ALEXANDRIA -	212,034	„ 13	226	156	38·4	Whooping-cough 4.
NEW YORK -	1,077,228	„ 8	–	418	20·2	Scarlet fever 15; diphtheria 17.
BROOKLYN -	527,830	„ 8	–	200	19·7	Scarlet fever 13; diphtheria 12.
PHILADELPHIA	850,856	„ 15	–	285	17·5	Scar. fev. 13; diphth. 8; typhoid fever 11.
BOSTON - -	363,000	„ 8	–	118	16·9	Diphtheria 8; typhoid fever 4.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 5th JANUARY, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1877–8. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. High-est.	Low-est.	Range in day.	Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	P.M.	Pressure on square foot. Greatest.	Least.	Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
DECEMBER.																											
SUN.	30	..	29·507	51·5	45·7	5·8	49·6	47·7	55·7	41·7	40·8	38·1	1·9	3·2	1·3	+12·3	93	WSW. & SW.	SSW. & SW.	8·5	0·0	0·6	426	+144	0·17	1·5
MON.	31	..	30·003	44·1	32·8	11·3	39·2	33·6	57·0	28·8	41·3	38·5	5·6	9·2	2·9	+ 2·0	81	NW.	NW. & W.	8·6	0·0	1·9	505	+213	0·00	0·0
JANUARY.																											
TUES.	1	..	30·122	45·2	32·0	13·2	39·4	35·7	53·6	27·8	41·8	39·3	3·7	7·1	2·2	+ 2·2	87	WSW. & SW.	SSW. & S.	0·0	0·0	0·0	189	−117	0·00	0·0
WED.	2	Greatest Dec. S.	30·189	48·0	41·5	6·5	45·0	44·1	48·2	38·5	41·3	39·3	0·9	1·8	0·6	+ 8·1	97	SSW. SW. & WSW.	W. SW. & SSW.	0·2	0·0	0·0	173	−144	0·02	0·0
THURS.	3	New	30·023	47·7	42·0	5·7	45·3	41·3	73·4	38·3	41·8	39·8	4·0	7·6	0·5	+ 8·6	86	SSW.	SW. & SSW.	2·8	0·0	0·2	297	− 32	0·05	1·8
FRI.	4	..	29·824	47·9	42·0	5·9	45·2	44·3	55·0	42·0	42·1	40·3	0·9	2·5	0·0	+ 8·6	97	SSW. S. & SSE.	SE. E. & ENE.	1·1	0·0	0·1	230	−104	0·22	5·2
SAT.	5	..	29·960	45·3	41·7	3·6	43·4	43·0	50·0	40·8	42·5	40·5	0·4	2·0	0·0	+ 6·9	99	ENE.	SE. S. & SW.	0·0	0·0	0·0	92	−243	0·02	0·0
MEANS		..	29·947	47·1	39·7	7·4	43·9	41·4	56·1	36·8	41·7	39·4	2·5	4·8	1·1	+ 7·0	91	SW.		..	..	..	Sum 1912	Sum − 283	Sum 0·48	1·2
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. DECEMBER.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY	30	The electrical apparatus was not in action throughout the week.	0·0	7·8	Overcast. Thin rain throughout the day; heavy rain at night.
MONDAY	31		2·8	7·8	A very fine day. Generally cloudless. Hoar frost at night.
JANUARY.					
TUESDAY	1		0·0	7·9	Hoar frost in morning. Fine till noon; overcast afterwards.
WEDNESDAY	2		0·0	7·9	Overcast. Thin rain and fog.
THURSDAY	3		0·7	7·9	Fine and partially cloudy in morning. Solar halo at noon. Overcast after 1h. P.M., and rain fell occasionally in the afternoon and evening.
FRIDAY	4		0·0	7·9	Overcast. Frequent rain.
SATURDAY	5		0·0	7·9	Overcast. Frequent rain.
..		..	Sum 3·5	Sum 55·1	
No. of Col.		28	29	30	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fifth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 8, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 60 years ending 31 December 1873.

*In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and − "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The reading of the barometer increased from 29·56 in. at the beginning of the week to 29·63 in. by 9h. A.M. on the 30th of December; decreased to 29·27 in. by 11h. P.M. on the same day; increased rapidly to 30·17 in. by 9h. P.M. on the 31st of December; decreased to 30·10 in. by 9h. P.M. on the 1st of January; increased to 30·22 in. by 9h. P.M. on the 2nd; decreased to 29·75 in. by 9h. A.M. on the 4th; increased to 30·01 in. by 9h. A.M. on the 5th; and decreased to 29·90 in. by the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

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General Register Office, Somerset House,
14th January, 1878.

United Kingdom.

During last week 6196 *births* and 4080 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The natural increase of population was 2116. The mortality from all causes was at the average rate of 25 deaths annually in every 1000 persons living. The annual death-rate was 28 per 1000 in Edinburgh, 24 in Glasgow, and 32 in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Leicester 16, Bradford 17, Sheffield 17, Norwich 18, Portsmouth 19, Nottingham 19, Leeds 21, Salford 21, Hull 21, Sunderland 22, Newcastle 24, London 26, Manchester 26, Wolverhampton 27, Brighton 28, Birmingham 28, Oldham 29, Bristol 29, Liverpool 33, and Plymouth 36. Whooping-cough showed exceptional fatality in Plymouth, Birmingham, and Liverpool, and the deaths from scarlet fever were numerous in Manchester. Three more fatal cases of measles were recorded in the Manchester Workhouse at Crumpsall, where no less than 42 occurred during 1877. Small-pox caused 35 deaths in London, but not one in any of the nineteen provincial towns.

London.

In London 2681 births and 1760 deaths were registered. Allowing for increase of population, the births exceeded by 125, and the deaths by 62, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 25·9 and 27·6, declined again last week to 25·7.

The 1760 deaths included 35 from small-pox, 97 from measles, 39 from scarlet fever, 9 from diphtheria, 69 from whooping-cough, 33 from different forms of fever, and 17 from diarrhœa; thus to the seven principal diseases of the zymotic class 299 deaths were referred, against 311 and 292 in the two preceding weeks. The fatal cases of measles, which had been 109 and 104 in the two preceding weeks, further declined to 97, but exceeded the corrected average by 58, including 42 in the South, and 25 in the North groups of districts; 15 occurred in Islington, 8 in Bow and Poplar, 7 in Southwark, and 9 in Camberwell. The 39 deaths from scarlet fever included 19 in North London, of which 7 occurred in Pancras, and 9 in Islington. The deaths from whooping-cough showed a marked decline from the numbers in the two preceeding weeks, but included 7 in Islington, 5 in Bethnal Green, 11 in Southwark, and 5 in Deptford. The deaths referred to fever, which had been 41, 36, and 28 in the three preceding weeks, rose again to 33 last week, and were but 4 below the corrected average; 7 were fatal cases of typhus, 19 of enteric or typhoid, and 7 of simple continued fever. The seven deceased typhus patients had resided in Islington, Hackney, Clerkenwell, St. George-in-the-East, Bow, Camberwell, and Lambeth. Four deaths were referred to enteric fever in Pancras (of which 3 occurred in Somer's Town), 2 in Islington, and 2 in Deptford.

Zymotic disease has recently shown exceptional fatality in Islington, and during last week, of 126 deaths registered within this district, no less than 41, or 33 per cent., were referred to the seven principal diseases of this class.

The deaths from small-pox, which had been 31, 29, and 26 in the three preceding weeks, rose to 35 last week, a number exceeding that returned in any week since July last; 21 occurred in the Metropolitan Asylum Hospitals, one in the Highgate Small-pox Hospital, and 13 in private dwelling-houses. Six of the deceased small-pox patients had resided in St. George-in-the-East, 4 in Stepney, 4 in Lambeth, and 4 in Hackney. Three fatal cases occurred in private dwelling-houses in South Hackney, all being "not stated" as to vaccination. Of the 35 fatal

small-pox cases in the metropolis, 20 were certified as unvaccinated and 9 as vaccinated, while in 6 cases (including the 3 in South Hackney) the medical certificates gave no information as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which at the beginning of October last had declined to 137, has since steadily increased to 309, 374, and 415, at the end of the last three weeks; 124 new cases were admitted during last week, against 83 and 129 in the two preceding weeks. The Highgate Small-pox Hospital contained 43 patients on Saturday last, at the end of each of the two previous weeks the numbers had been 26 and 36.

The deaths referred to diseases of the respiratory organs, which had been 467 and 535 in the two previous weeks, declined again to 464 last week, but exceeded the corrected weekly average by 27; 284 resulted from bronchitis, and 121 from pneumonia.

Different forms of violence caused 65 deaths; 50 were the result of negligence or accident, including 21 from fractures and contusions, 8 from burns and scalds, 5 from drowning, and 9 of infants under one year of age from suffocation. The 21 deaths from fractures and contusions were thus caused:—male 35, fell from a cart; male 9, crushed by a van; males 64, 65, and female 22, knocked down by horses; male 22, crushed by engine on Midland Railway; male 24, fell from carriage on London, Chatham, and Dover Railway; males 43 and 64, run over by railway engines; male 63, and female 74, fell down stairs; male 4, fell from a window; female 50, fell from a chair; male 1, fell from bed; female 15, fell in road; female 78, fell upon stone steps (intoxicated); female 34, fell in street (intoxicated); male 17, fell against stone coping; female 68, fracture of ribs; male 2, and female 1, by falls (nature not stated). An inquest was held in each of these 21 cases except the last, which was certified by a registered medical practitioner.

During the 52 weeks of 1877 the number of deaths registered in London was 77,002. The cause of death was certified in 71,052, or 92·27 per cent. of the cases, by registered medical practitioners; and in 4920, or 6·39 per cent., inquests were held. In 1030 cases, or 1·34 per cent. of the total deaths, the causes were not certified either by registered medical practitioners or by coroners, showing a slight decline from the proportion of uncertified causes of death in 1876, which was 1·43 per cent. In the South group of London registration districts the proportion of uncertified causes of death last year was 2·38 per cent., while in the rest of London it did not exceed 0·88 per cent. In South London the proportion of inquest cases was only 4·75 per cent., whereas in other parts of London it averaged 7·10 per cent.

Greater London.

In Greater London 3271 births and 2057 deaths were registered, equal to annual rates of 38·4 and 24·1 per 1000 of the population. In the Outer Ring, 3 deaths from small-pox were registered in Mitcham, Stratford, and West Ham sub-districts. Diphtheria caused 2 deaths in Bexley and 2 in Hornsey sub-districts.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 49, Bombay 43, Madras 99; Paris 26; Geneva 29; Brussels 26; Amsterdam 33, Rotterdam 28, The Hague 30; Copenhagen 24; Stockholm 27; Christiania 14; St. Petersburgh 44; Berlin 24, Hamburg 31, Dresden 22, Breslau 26, Munich 32; Vienna 32; Buda-Pesth 41, Rome 29, Naples 31, Turin 32, Venice 30; Alexandria 45; New York 22, Brooklyn 20, Philadelphia 19, and Boston 16.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·98 in.; the lowest reading was 29·29 in. on Monday evening, and the highest 30·50 in. on Saturday morning. The mean temperature of the *air* was 36°·9, and 0°·6 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed an excess on the first three, and was below the average on the last three days of the week; on Sunday the mean was 45°·0, and 8°·6 above the average, while on Friday it fell to 31°·4, and showed a deficiency of 4°·9. The lowest night temperature was 25°·7 on Friday, and the highest day temperature in the shade 47°·3 on Sunday; the extreme range in the week was, therefore, 21°·6. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 68°·7 on Monday. The difference between the mean *dew-point* and *air* temperature averaged 5°·0. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 41°·9. The mean degree of *humidity* of the air was 82, complete saturation being represented by 100; the air was, therefore, of the average dryness. The direction of the *wind* was variable, and the horizontal movement of the air averaged 11·1 miles per hour, which was 2·0 below the average in the corresponding week of 16 years. *Rain* fell on two days of the week, to the aggregate amount of 0·02 of an inch. The duration of registered sunshine in the week was 8·1 hours, the sun being above the horizon during 56·5 hours; the recorded duration of sunshine was, therefore, equal to 14·3 per cent. of its possible duration.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 12th January 1878.

CITIES AND BOROUGHS. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 12th January 1878.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
In 23 TOWNS in the UNITED KINGDOM	220,845	8,373,953	37·9	6196	4080	50·5	24·0	37·7	3·17	0·26	0·66
LONDON	75,362	3,577,304	47·5	2681	1760	47·3	25·7	36·9	2·72	0·02	0·05
BRIGHTON	2,354	103,923	44·1	47	56	48·3	26·6	36·5	2·50	0·03	0·08
PORTSMOUTH	4,486	129,461	28·9	81	47	50·0	30·0	37·8	3·23	0·02	0·05
NORWICH	7,472	84,620	11·3	55	29	47·0	30·5	37·8	3·23	0·31	0·79
PLYMOUTH	1,395	73,599	52·8	48	51	50·5	27·0	40·2	4·55	0·49	1·24
BRISTOL	4,452	206,419	46·4	143	114	47·8	28·0	38·4	3·55	0·11	0·28
WOLVERHAMPTON	3,396	74,240	21·9	49	39	46·3	26·7	36·0	2·22	0·26	0·66
BIRMINGHAM	8,400	383,117	45·6	299	209	–	–	–	–	–	–
LEICESTER	3,200	121,473	38·0	83	37	46·2	32·5	37·9	3·28	0·09	0·23
NOTTINGHAM	9,960	165,267	16·6	100	61	47·2	32·7	38·5	3·61	0·20	0·51
LIVERPOOL	5,210	532,681	102·2	439	333	46·5	31·0	38·3	3·50	0·34	0·86
MANCHESTER	4,293	360,514	84·0	315	183	–	–	–	–	–	–
SALFORD	5,170	170,251	32·9	152	69	46·2	26·0	36·2	2·33	0·49	1·24
OLDHAM	4,666	107,366	23·0	84	59	–	–	–	–	–	–
BRADFORD	7,220	185,088	25·6	142	59	47·0	31·4	37·9	3·28	0·35	0·89
LEEDS	21,572	304,948	14·1	221	123	49·0	34·0	39·3	4·06	0·40	1·02
SHEFFIELD	19,651	289,537	14·7	195	95	47·2	33·0	38·6	3·67	0·62	1·57
HULL	3,635	143,139	39·4	114	58	47·0	31·0	36·9	2·72	0·31	0·79
SUNDERLAND	3,306	112,459	34·0	80	48	45·0	32·0	38·3	3·50	0·44	1·12
NEWCASTLE-ON-TYNE	5,371	144,570	26·9	130	71	–	–	–	–	–	–
EDINBURGH	4,191	222,371	53·1	158	121	47·0	26·5	35·8	2·12	0·19	0·48
GLASGOW	6,033	566,940	94·0	427	266	45·0	24·0	36·5	2·50	0·17	0·43
DUBLIN	10,050	314,666	31·3	153	192	47·2	25·2	37·8	3·23	0·06	0·15

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.

† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday the 12th January 1878.

BOROUGHS, &c. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
				Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.		
In 20 TOWNS	25·1	4·2	3501	833	695	35	140	96	27	160	82	45	117	227	539
LONDON	25·7	4·4	1760	380	375	35	97	39	9	69	33	17	65	134	302
BRIGHTON	28·1	2·5	56	19	12	–	1	–	–	3	–	1	–	–	7
PORTSMOUTH	18·9	2·4	47	14	10	–	–	1	–	3	2	–	–	1	7
NORWICH	17·9	2·5	29	8	5	–	–	–	–	2	1	1	1	1	2
PLYMOUTH	36·2	13·5	51	12	11	–	–	–	4	12	–	3	–	2	3
BRISTOL	28·8	3·3	114	28	30	–	6	1	–	1	3	2	–	3	15
WOLVERHAMPTON	27·4	4·9	39	9	10	–	1	1	3	1	1	–	2	3	7
BIRMINGHAM	28·5	5·3	209	61	33	–	2	6	1	21	7	2	8	19	20
LEICESTER	15·9	1·7	37	12	6	–	–	–	–	3	1	–	–	4	5
NOTTINGHAM	19·3	2·5	61	20	19	–	–	1	1	2	2	2	–	2	9
LIVERPOOL	32·6	6·4	333	78	44	–	17	10	3	20	9	6	23	24	48
MANCHESTER	26·5	4·6	183	32	40	–	8	14	–	3	6	1	8	14	46
SALFORD	21·1	2·5	69	15	8	–	–	1	–	1	3	3	2	6	11
OLDHAM	28·7	4·4	59	14	6	–	2	3	–	3	–	1	–	–	4
BRADFORD	16·6	1·7	59	14	19	–	–	3	1	1	1	–	3	5	5
LEEDS	21·0	2·7	123	33	22	–	4	2	3	4	2	1	2	3	11
SHEFFIELD	17·1	3·2	95	21	18	–	2	8	1	4	3	–	–	–	11
HULL	21·1	1·8	58	17	7	–	–	–	1	–	2	2	1	2	10
SUNDERLAND	22·3	2·8	48	17	10	–	–	2	–	2	2	–	–	1	7
NEWCASTLE-ON-TYNE	25·6	5·8	71	26	10	–	–	4	–	5	4	3	2	3	9
DUBLIN	31·8	4·8	192	29	55	–	11	1	–	9	5	3	5	3	53

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the SECOND Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2132	2270	2351	2357	2305	2587	2458	2481	2431	2516	2388·8	2681
Males . .	1053	1179	1173	1204	1166	1310	1261	1220	1238	1319	1212·3	1342
Females .	1079	1091	1178	1153	1139	1277	1197	1261	1193	1197	1176·5	1339
TOTAL **Deaths**	1574	1490	1664	1896	1632	1202	1553	1911	1590	1358	1587·0	1760
Males . .	816	741	815	937	794	618	777	926	814	677	791·5	863
Females .	758	749	849	959	838	584	776	985	776	681	795·5	897

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868-77 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Oct. 20.	Oct. 27.	Nov. 3.	Nov. 10.	Nov. 17.	Nov. 24.	Dec. 1.	Dec. 8.	Dec. 15.	Dec. 22.	Dec. 29.	Jan. 5.	Jan. 12.
TOTAL **Deaths** - - -	1403	1499	1447	1448	1435	1571	1579	1547	1613	1761	1757	1892	1760
0—20 - -	665	750	727	742	750	815	804	816	786	944	868	911	867
20—40 - -	188	193	216	190	192	209	219	183	218	205	217	244	230
40—60 - -	230	242	227	238	242	250	248	265	241	273	274	317	288
60—80 - -	274	252	231	233	215	253	267	238	307	282	331	345	309
at 80 years & upwds.	46	62	46	45	36	44	41	45	61	57	67	75	66
Deaths of children: Under 1 year -	307	358	342	337	323	381	375	391	359	417	398	436	380
Deaths of children: 1—5 - - -	236	281	268	295	314	312	320	316	302	400	367	378	363
Deaths of children: 5—20 - -	122	111	117	110	113	122	109	109	125	127	103	97	124
Deaths from 7 principal Zymotic Diseases	214	241	229	229	223	258	248	234	248	301	311	292	299
" " Smallpox - -	8	14	9	25	14	27	31	25	31	31	29	26	35
" " Measles - -	36	67	47	62	66	82	81	76	92	102	109	104	97
" " Scarlet Fever -	68	64	82	67	61	55	52	46	54	46	31	31	39
" " Diphtheria -	9	6	9	6	8	11	5	5	10	3	12	5	9
" " Whooping-cough	21	28	24	15	23	32	27	36	25	64	82	89	69
" " Typhus fever -	5	3	4	1	2	5	1	5	3	6	7	1	7
" " Enteric (or Typhoid) fever -	36	32	31	35	26	29	30	21	20	27	23	23	19
" " Simple Cont^d fever	6	4	4	6	–	4	5	1	3	8	6	4	7
" " Diarrhœa - -	25	23	19	12	23	13	16	19	10	14	12	9	17
" " Simple Cholera -	–	1	–	–	–	–	–	–	–	–	–	1	–
" " Dis. of Respiratory Organs -	297	371	335	338	313	409	417	397	415	487	467	535	464
" " Phthisis - -	151	159	158	140	150	163	128	133	151	170	158	167	177
" " Heart Diseases -	79	63	91	81	87	93	115	91	96	91	94	99	100
Violent Deaths - - -	47	56	46	40	53	43	45	48	55	44	50	67	65
Inquest Cases - - -	91	99	94	77	96	86	77	93	91	88	94	136	134
Deaths in Public Institutions	235	276	259	269	257	248	267	268	297	310	306	301	302
TEMPERATURE OF THE AIR:													
Mean - - - -	46°·7	49°·7	49°·1	51°·0	45°·6	42°·8	41°·9	43°·4	39°·0	41°·8	37°·8	43°·9	36°·9
Mean of Highest readings -	57·9	56·4	56·7	57·1	52·0	48·9	47·2	47·8	45·1	45·4	43·2	47·1	41·1
Mean of Lowest readings -	37·5	43·6	42·1	45·1	38·8	36·3	36·6	38·3	32·5	38·1	32·1	39·7	32·5
Mean Temperature of the Water of the Thames -	51·5	–	50·7	50·6	49·2	45·5	43·0	42·2	42·4	40·9	40·7	40·6	41·9
Humidity of the Air - -	72	87	80	86	88	84	86	90	87	91	79	91	82
Rain-fall in inches - -	0·13	1·24	0·04	0·72	0·83	1·12	1·07	0·49	0·18	0·03	0·55	0·48	0·02
Registered Sunshine (in hours)	35·0	10·8	19·2	12·7	10·9	11·9	12·3	4·5	6·0	1·5	12·2	3·5	8·1

METEOROLOGICAL OBSERVATIONS. (*See* TABLE **1.**)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich: John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool: T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the SECOND Week of the Year 1878.

CAUSES OF DEATH.	Average in the Second Weeks of the 10 years 1868-77.*	In the Week ending Saturday, January 12, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
Mean Temperature -	39°6	36°9							
ALL CAUSES - -	1587·0	1760	380	363	124	230	288	309	66
SPECIFIED CAUSES	1581·4	1759	380	363	124	230	287	309	66
I. ZYMOTIC.									
ORDER 1.									
1. Small-pox - - -	36·7	35	7	6	10	6	5	1	-
2. Measles - - -	36·1	97	17	67	13	-	-	-	-
3. Scarlet Fever - -	49·7	39	3	26	10	-	-	-	-
4. Diphtheria - -	7·6	9	1	4	4	-	-	-	-
5. Quinsy - - -	·9	-	-	-	-	-	-	-	-
6. Croup - - -	15·7	12	-	11	1	-	-	-	-
7. Whooping-cough -	55·8	69	20	47	2	-	-	-	-
8. Typhus - - -	34·3	7	-	-	2	1	3	1	-
— Enteric or Typhoid Fev.		19	1	1	8	8	1	-	-
— Simple continued Fev.		7	-	1	1	2	2	1	-
9. Erysipelas - -	7·8	10	5	-	1	1	2	-	1
10. Puerperal Fev. (Metria)	5·3	5	-	-	-	5	-	-	-
11. Carbuncle - -	·3	-	-	-	-	-	-	-	-
12. Influenza - - -	·3	-	-	-	-	-	-	-	-
13. Dysentery - -	·9	1	-	-	-	-	1	-	-
14. Diarrhœa - - -	13·5	17	11	4	-	-	1	1	-
15. Simple Cholera - -	·4	-	-	-	-	-	-	-	-
16. Ague - - - -	·5	-	-	-	-	-	-	-	-
17. Remittent Fever -	·1	-	-	-	-	-	-	-	-
18. Rheumatism - -	9·2	7	-	1	1	-	2	3	-
19. Other *Zymotic* Diseases	·6	-	-	-	-	-	-	-	-
ORDER 2.									
1. Syphilis - - -	7·9	8	6	1	-	1	-	-	-
2. Stricture of Urethra -	1·7	2	-	-	-	-	2	-	-
3. Hydrophobia - -	—	-	-	-	-	-	-	-	-
4. Glanders - - -	—	-	-	-	-	-	-	-	-
ORDER 3.									
1. Privation - - -	1·0	2	-	-	-	-	-	2	-
2. Want of Breast-milk-	7·5	8	8	-	-	-	-	-	-
3. Purpura and Scurvy -	2·5	1	-	1	-	-	-	-	-
4. Alcoholism { *a* Del. Tremens	2·5	2	-	-	-	2	-	-	-
b Intemperance	1·5	1	-	-	-	-	1	-	-
ORDER 4.									
1. Thrush - - -	2·9	5	5	-	-	-	-	-	-
2. Worms, &c. - -	·4	-	-	-	-	-	-	-	-
II. CONSTITUTIONAL.									
ORDER 1.									
1. Gout - - - -	2·5	2	-	-	-	-	1	1	-
2. Dropsy - - -	10·9	4	1	-	-	-	2	1	-
3. Cancer - - -	32·1	39	-	-	1	3	22	8	5
4. Cancrum Oris (Noma)	·3	1	1	-	-	-	-	-	-
5. Mortification - -	3·2	1	-	-	-	-	-	1	-
ORDER 2.									
1. Scrofula - - -	8·5	15	9	5	-	1	-	-	-
2. Tabes Mesenterica -	17·1	20	13	5	2	-	-	-	-
3. Phthisis - - -	163·3	177	2	5	20	98	44	8	-
4. Hydrocephalus - -	28·0	19	4	11	3	1	-	-	-
III. LOCAL.									
ORDER 1.									
1. Cephalitis - - -	17·4	29	6	11	7	5	-	-	-
2. Apoplexy - - -	46·9	60	2	4	-	6	18	25	5
3. Paralysis - - -	33·0	29	-	-	-	3	11	12	3
4. Insanity - - -	2·9	1	-	-	-	-	1	-	-
5. Chorea - - -	·4	-	-	-	-	-	-	-	-
6. Epilepsy - - -	7·9	10	-	3	-	-	3	3	1
7. Convulsions - -	58·5	51	39	12	-	-	-	-	-
8. *Brain Disease, &c.* -	21·7	18	2	3	1	1	3	6	2
ORDER 2.									
1. Pericarditis - -	3·1	2	-	-	1	-	-	1	-
2. Aneurism - - -	3·1	2	-	-	-	2	-	-	-
3. *Heart Disease, &c.* -	82·7	96	1	1	7	14	33	36	4
ORDER 3.									
1. Laryngitis - - -	11·2	18	5	10	1	1	-	1	-
2. Bronchitis - - -	262·6	284	55	48	6	8	59	94	14
3. Pleurisy - - -	5·1	10	-	1	2	1	4	2	-
4. Pneumonia - -	91·0	121	30	41	3	13	17	14	3
5. Asthma - - -	16·9	14	-	-	-	1	8	5	-
6. *Lung Disease, &c.* -	21·8	17	5	1	-	2	4	5	-

CAUSES OF DEATH.	Average in the Second Weeks of the 10 years 1868-77.*	In the Week ending Saturday, January 21, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
Mean Temperature -	39°6	36°9							
ORDER 4.									
1. Gastritis - - -	2·1	2	-	-	-	-	-	2	-
2. Enteritis - - -	6·5	4	1	-	-	-	2	1	-
3. Peritonitis - - -	5·9	7	-	1	-	2	4	-	-
4. Ascites - - -	2·5	2	-	-	1	1	-	-	-
5. Ulceration of Intestines	2·4	6	-	-	2	1	1	2	-
6. Hernia - - -	3·3	-	-	-	-	-	-	-	-
7. Ileus - - - -	4·1	4	1	-	-	1	1	1	-
8. Intussusception -	·9	2	-	1	-	1	-	-	-
9. Stricture of Intestines	·5	1	-	-	-	1	-	-	-
10. Fistula - - -	·3	-	-	-	-	-	-	-	-
11. *Stomach Disease, &c.* -	7·7	4	1	-	-	-	2	1	-
12. *Pancreas Disease, &c.*	·1	-	-	-	-	-	-	-	-
13. Hepatitis - - -	2·1	7	-	-	-	2	1	3	1
14. Jaundice - - -	4·2	3	1	-	-	1	1	-	-
15. *Liver Disease, &c.* -	18·8	13	-	-	-	1	5	7	-
16. *Spleen Disease, &c.* -	·3	-	-	-	-	-	-	-	-
ORDER 5.									
1. Nephritis - - -	2·7	6	-	1	-	3	1	1	-
2. Ischuria - - -	·3	-	-	-	-	-	-	-	-
3. Bright's Dis. (Nephria)	11·6	13	-	1	-	4	5	3	-
4. Diabetes - - -	2·1	3	-	-	1	1	-	1	-
5. Calculus (Stone) -	·9	2	-	-	-	-	-	1	1
6. Cystitis - - -	1·1	5	-	-	-	-	-	4	1
7. *Kidney Disease, &c.* -	6·8	9	-	1	-	-	1	5	2
ORDER 6.									
1. Ovarian Dropsy -	·7	-	-	-	-	-	-	-	-
2. *Uterus Disease, &c.* -	3·9	2	-	-	-	2	-	-	-
ORDER 7.									
1. Synovitis (Arthritis)	·5	-	-	-	-	-	-	-	-
2. *Joint Disease, &c.* -	5·5	8	-	-	5	2	-	1	-
ORDER 8.									
1. Phlegmon - - -	3·6	5	2	1	2	-	-	-	-
2. Ulcer - - -	2·1	1	-	-	-	-	-	1	-
3. *Skin Disease, &c.* -	1·6	1	1	-	-	-	-	-	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth -	19·0	23	23	-	-	-	-	-	-
2. Cyanosis - - -	2·6	3	3	-	-	-	-	-	-
3. Spina Bifida - -	1·4	1	1	-	-	-	-	-	-
4. Other Malformations	1·5	2	2	-	-	-	-	-	-
5. Teething - - -	15·4	15	6	9	-	-	-	-	-
ORDER 2.									
1. Paramenia - - -	·1	1	-	-	-	1	-	-	-
2. Childbirth (*see* Puerperal Fever) - -	4·9	8	-	-	-	8	-	-	-
ORDER 3.									
1. Old Age - - -	62·2	44	-	-	-	-	-	21	23
ORDER 4.									
1. Atrophy and Debility	61·8	84	67	9	1	-	-	7	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	19 6	21	-	4	3	5	2	7	-
2. Wounds { Gunshot	·5	-	-	-	-	-	-	-	-
Cut, Stab		2	-	-	-	-	1	1	-
3. Burns and Scalds -	6·8	8	-	4	1	1	-	2	-
4. Poison - - -	·7	-	-	-	-	-	-	-	-
5. Drowning - - -	3·2	5	-	-	-	2	2	1	-
6. Suffocation - -	10·3	10	9	-	-	-	1	-	-
7. Otherwise - - -	3·3	4	1	-	1	-	1	1	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	1·9	3	2	-	-	-	1	-	-
ORDER 4. SUICIDE.)									
1 Wounds { Gunshot -	·3	1	-	-	-	-	1	-	-
Cut, Stab -	1·2	1	-	-	-	-	1	-	-
2. Poison - - -	·8	5	-	-	-	2	1	2	-
3. Drowning - - -	1·6	1	-	-	-	-	1	-	-
4. Hanging - - -	1·3	3	-	-	-	2	1	-	-
5. Otherwise - - -	·2	1	-	-	-	-	-	1	-
ORDER 5. (EXECUTION.)									
1. Hanging - - -	—	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - -	·6	-	-	-	-	-	-	-	-
Causes not specified or ill-defined - - -	5·0	1	-	-	-	-	1	-	-

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public
LONDON	3,254,260	2681	1760	380	375	35	97	39	9	69	7	19	7	17	65	134	30
WEST DISTRICTS	561,359	405	294	48	84	-	7	4	2	9	-	1	1	5	14	26	58
NORTH DISTRICTS	751,729	597	421	90	97	24	25	19	2	11	4	9	1	3	13	30	78
CENTRAL DISTRICTS	334,369	184	156	37	22	-	4	4	1	6	1	2	1	1	9	17	28
EAST DISTRICTS	639,111	588	347	92	67	6	19	2	1	10	1	2	2	3	16	35	63
SOUTH DISTRICTS	967,692	907	542	113	105	5	42	10	3	33	1	5	2	5	13	26	75
WEST DISTRICTS.																	
St. Mary Paddington *WH*	58728	50	22	7	6	-	-	1	-	1	-	-	-	1	-	-	3
St. John Paddington *H*	38085	17	13	-	1	-	-	-	-	-	-	-	-	-	1	2	7
Kensington Town *W*	91645	82	64	10	18	-	2	1	1	1	-	1	-	1	2	4	7
Brompton *H*	28654	23	12	1	1	-	-	-	-	1	-	-	-	-	1	2	1
St. Peter Hammersmith	6662	2	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith *H*	36029	29	23	3	6	-	-	1	-	2	-	-	-	-	1	2	1
Fulham *WwH*	23350	41	16	4	5	-	-	-	-	2	-	-	-	1	-	-	1
Chelsea South *HHH*	26420	19	15	4	5	-	-	-	-	-	-	-	-	-	1	3	-
Chelsea North-west *WHHHH*	22926	19	17	3	4	-	-	-	-	-	-	-	-	-	1	3	3
Chelsea North-east	21392	19	6	-	4	-	-	1	-	-	-	-	-	-	-	-	-
Hanover Square *H*	18698	5	4	-	3	-	-	-	-	-	-	-	-	-	-	-	-
May Fair *WW*	13358	2	9	1	7	-	-	-	-	-	-	-	-	-	-	-	8
Belgrave *HH*	57972	33	36	5	7	-	-	-	1	1	-	-	-	1	3	3	12
St. John Westminster *HH*	38478	31	16	4	3	-	3	-	-	1	-	-	-	-	-	1	-
St. Margaret Westminster *WH*	27781	7	16	-	5	-	2	-	-	-	-	-	1	-	2	3	7
Golden Square *WH*	12860	3	11	2	6	-	-	-	-	-	-	-	-	-	1	1	7
Berwick-street *H*	20759	11	5	2	1	-	-	-	-	-	-	-	-	-	1	2	-
St. Anne Soho *HHHHH*	17562	12	5	1	-	-	-	-	-	-	-	-	-	1	-	-	1
NORTH DISTRICTS.																	
All Souls Marylebone *HHHH*	28579	15	12	-	2	-	-	1	-	1	-	-	-	-	-	-	6
Cavendish Square *HH*	15425	14	9	3	2	-	-	-	-	-	-	-	-	-	-	1	-
Rectory Marylebone *WH*	26384	15	12	4	4	-	-	-	-	1	-	-	-	-	-	-	8
St. Mary Marylebone *HHH*	21786	25	10	2	4	-	-	-	-	-	-	-	-	1	-	1	1
Christchurch Marylebone *H*	33944	20	14	3	2	-	-	-	-	-	-	-	-	-	-	-	-
St. John Marylebone *H*	33136	14	18	3	5	-	1	-	-	1	-	1	-	-	1	2	-
Hampstead *WwHH*	32281	24	18	2	6	5	1	-	-	-	-	-	-	-	2	2	8
Regent's Park Pancras	38200	22	18	5	6	-	-	-	-	-	-	-	-	-	-	-	-
Tottenham-court *wHHH*	29370	17	19	3	5	-	-	-	-	-	-	-	-	-	1	1	10
Gray's Inn Lane *HHH*	29221	26	16	2	5	-	-	2	-	-	-	1	-	-	2	4	2
Somers Town	38533	31	19	5	5	-	-	2	-	-	-	3	-	-	-	1	-
Camden Town *WH*	17943	16	15	5	6	-	-	-	1	1	-	-	-	-	1	5	8
Kentish Town *w*	68198	44	25	4	5	-	1	3	-	-	-	-	-	-	2	2	2
Islington West *HHH*	97820	99	57	11	14	2	7	7	1	6	-	2	1	1	-	2	4
Islington East *WwwH*	115958	107	69	16	13	-	8	2	-	1	1	1	-	1	4	7	8
Stoke Newington *H*	9841	18	9	2	2	-	-	-	-	-	-	-	-	-	-	1	-
Stamford Hill	6598	2	6	-	2	-	-	-	-	-	1	-	-	-	-	1	-
West Hackney	28069	25	10	3	2	-	-	-	-	-	-	1	-	-	-	-	-
Hackney *WwwHL*	50104	34	44	10	7	14	3	1	-	-	2	-	-	-	-	-	20
South Hackney	30339	29	21	7	-	3	4	1	-	-	-	-	-	-	-	-	-
CENTRAL DISTRICTS.																	
St. George Bloomsbury	17853	7	6	2	1	-	1	-	-	-	-	-	-	-	1	1	-
St. Giles South *WH*	19109	13	13	1	1	-	-	-	-	2	-	-	-	-	-	2	6
St. Giles North	16594	10	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Long Acre	11379	5	3	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Charing Cross *HH*	9859	2	7	1	2	-	-	-	-	-	-	-	-	-	1	-	1
St. Mary-le-Strand	9378	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes *H*	10723	8	10	3	1	-	-	-	-	-	-	1	-	-	-	-	4
St. George-the-Martyr *HHHHH*	20521	10	9	3	3	-	-	-	-	-	-	1	-	-	1	4	1
St. Andrew Eastern *W*	13529	5	16	-	3	-	1	-	-	-	-	-	-	-	-	1	4
Saffron Hill *H*	9066	5	4	-	1	-	-	-	-	-	-	-	-	1	1	1	-
St. James Clerkenwell *W*	18917	14	13	5	2	-	-	-	-	-	-	-	-	-	4	4	-
Amwell Clerkenwell	16884	9	9	2	1	-	2	2	1	1	-	-	-	-	-	-	-
Pentonville	13337	12	3	1	-	-	-	-	-	-	1	-	-	-	-	-	-
Goswell-street	16242	19	10	4	1	-	-	-	-	-	-	-	-	-	-	1	-
Old-street *H*	12161	8	6	2	-	-	-	1	-	-	-	-	-	-	-	-	-
City-road *HHL*	18301	13	7	3	1	-	-	-	-	2	-	-	-	-	1	2	-
Whitecross-street	13792	8	5	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Finsbury	10741	4	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph East London *H*	14540	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cripplegate	13638	8	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre *H*	7562	2	8	2	1	-	-	1	-	-	-	-	-	-	-	-	-
St. Bride *W*	11185	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard	4426	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch	6270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe	4753	-	2	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Allhallows Barking	5764	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street *H*	7845	2	4	-	2	-	-	-	-	-	-	-	-	-	-	1	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: *W*—Workhous *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see no at the foot of next page.

FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT Saturday, 12th January 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age.	Deaths of Persons aged 60 Years & upwds.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
Holywell Shoreditch	12430	3	2	–	1	–	–	–	–	–	–	–	–	–	–	–	–
St. Leonard Shoreditch *HL*†	16545	9	3	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Hoxton New Town *w*	27835	30	13	5	1	–	–	–	–	–	–	–	–	1	–	1	–
Hoxton Old Town	26933	19	14	4	4	–	–	–	–	–	–	–	–	–	–	1	–
Haggerston * *WH*	43421	40	20	6	5	1	–	–	–	1	–	–	–	–	1	2	7
Hackney-road *H*	29822	30	10	5	2	–	–	–	–	1	–	–	–	–	3	5	1
Green, Bethnal Green *WHL*†	42433	38	25	6	7	–	–	–	–	2	–	–	1	–	–	1	8
Church, Bethnal Green	26577	27	11	1	–	2	1	–	–	1	–	–	–	–	2	2	–
Town, Bethnal Green	21272	23	9	6	1	–	–	–	–	1	–	–	–	–	–	–	–
Spitalfields *H*	22499	16	5	2	–	–	–	–	–	1	–	1	–	1	–	–	–
Mile End New Town *W*	15550	12	7	2	2	–	–	–	–	–	–	–	–	–	1	3	2
Whitechapel North	11597	5	3	–	2	–	–	–	–	1	–	–	–	–	–	–	–
Whitechapel Church *H*	7322	6	21	1	3	–	–	–	1	–	–	–	–	–	4	6	18
Goodman's Fields	10381	6	6	2	1	–	–	–	–	–	–	–	–	1	–	–	–
Aldgate	9224	6	8	4	–	–	2	–	–	–	–	–	–	–	1	1	–
St. Mary St. George East	17900	20	5	3	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Paul St. George East	21350	12	6	1	1	–	–	–	–	1	–	–	–	–	–	–	–
St. John St. George East *W*	8802	6	7	–	2	–	–	–	–	–	–	–	–	–	–	–	6
Shadwell *H*	11640	13	7	–	–	–	–	–	–	–	–	–	–	–	1	2	3
Ratcliff	16131	14	8	3	2	1	–	–	–	–	–	–	–	–	–	–	–
Limehouse	29919	29	16	7	1	–	4	–	–	–	–	–	–	–	1	2	–
Mile End Old Town Western	38128	31	24	10	4	1	3	–	–	–	–	1	–	–	–	1	–
Mile End Old Town Eastern *WwwH*	55024	69	30	4	10	–	1	1	–	–	–	–	1	–	1	4	4
Bow *wwwH*	67765	82	65	13	13	1	6	1	–	1	1	–	–	–	–	1	14
Poplar *WW*	48611	42	22	6	5	–	2	–	–	–	–	–	–	–	1	3	–
SOUTH DISTRICTS.																	
Christchurch Southwark *WH*	14573	12	7	2	3	–	–	1	–	–	–	–	–	–	–	–	1
St. Saviour Southwark *H*	15677	13	8	1	2	–	–	–	–	–	–	–	–	–	–	–	–
Kent-road	20421	17	9	2	–	–	–	–	–	2	–	–	–	–	1	2	–
Borough-road *WH*	16695	9	8	1	1	–	–	–	–	–	–	–	–	–	–	1	2
London-road *HL*	18961	17	12	4	1	–	–	–	–	2	–	–	–	–	–	–	2
Trinity Newington	23682	22	15	1	–	–	2	–	1	3	–	–	–	1	–	2	–
St. Peter Walworth *W*	48248	43	29	4	5	–	–	2	–	–	–	–	–	2	–	–	1
St. Mary Newington	16792	18	7	5	–	–	1	–	–	–	–	–	–	–	–	–	–
St. Olave Southwark *H*	4373	1	14	–	–	–	–	–	–	–	–	–	–	–	2	2	13
St. John Horsleydown *W*	10500	11	6	3	–	–	–	–	–	–	–	–	–	1	–	–	2
Leather Market	16787	10	6	2	–	–	–	–	–	1	–	–	–	–	–	–	–
St. Mary Magdalen *W*	15709	12	17	1	7	–	–	–	–	–	–	–	–	–	–	1	11
St. James Bermondsey	47933	55	19	7	1	–	3	1	1	2	–	–	–	–	–	1	–
Rotherhithe *W*	27096	26	21	1	5	–	4	–	–	4	–	–	–	–	1	2	4
Waterloo-road 1st *H*	14074	11	6	1	1	–	–	–	–	–	–	–	–	–	1	1	–
Waterloo-road 2nd *H*	18465	9	4	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Lambeth Church 1st *H*	19492	22	18	2	6	–	–	1	–	2	–	–	–	–	1	2	5
Lambeth Church 2nd *WW*	35833	28	31	10	5	–	4	1	–	3	–	–	–	–	1	2	10
Kennington 1st	41286	31	17	5	3	–	–	–	–	–	–	–	–	1	–	1	–
Kennington 2nd	31221	17	20	4	7	1	2	–	–	2	–	–	–	–	–	–	–
Brixton *w*	35435	38	29	7	7	4	1	1	–	2	–	1	–	–	1	2	4
Norwood *W*	12536	10	8	2	1	–	–	–	–	–	–	–	1	–	–	–	–
Clapham *H*	27347	25	7	–	4	–	1	–	–	–	–	–	–	–	–	–	1
Battersea *Ww*	54016	77	29	11	3	–	2	–	–	1	–	–	–	–	1	2	2
Wandsworth *HL*	19783	16	12	2	2	–	–	–	–	–	–	1	–	–	–	–	–
Putney	9439	10	3	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Streatham	14475	13	5	–	3	–	–	–	–	–	–	–	–	–	–	–	–
Dulwich	4041	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Camberwell *WL*†*L*†	31254	37	26	3	5	–	5	–	–	–	–	1	–	–	–	–	9
Peckham *W*	42160	55	23	7	4	–	2	–	–	2	–	–	–	–	1	1	
St. George Camberwell	33851	34	12	4	1	–	2	1	–	–	1	–	1	–	–	–	–
St. Paul Deptford *w*	53714	61	33	6	9	–	3	–	1	4	–	2	–	–	1	1	–
St. Nicholas Deptford	6474	2	4	–	1	–	–	–	–	1	–	–	–	–	–	–	–
Greenwich West	21034	15	9	–	2	–	3	–	–	–	–	–	–	–	–	–	–
Greenwich East *WH*	19378	24	12	2	5	–	–	–	–	–	–	–	–	–	1	2	6
Eltham *H*	4539	4	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lee	16440	10	4	–	1	–	–	1	–	–	–	–	–	–	–	–	–
Lewisham Village *WH*	11513	13	6	1	2	–	1	–	–	–	–	–	–	–	–	–	2
Sydenham *H*	19065	11	7	2	1	–	–	–	–	–	–	–	–	–	1	1	–
Charlton *H*	9564	8	5	1	1	–	1	1	–	–	–	–	–	–	–	–	–
Woolwich Dockyard	17226	14	12	2	–	–	5	–	–	–	–	–	–	–	–	–	–
Woolwich Arsenal *WHH*	18331	16	7	2	1	–	–	–	–	–	–	–	–	–	–	–	–
Plumstead, West	13027	19	5	1	2	–	–	–	–	1	–	–	–	–	–	–	–
Plumstead, East *W*	15232	9	8	3	1	–	–	–	–	1	–	–	–	–	–	–	–

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the bove Table by *w*:—

Central London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary " " "
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.
London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

* The two sub-districts of Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston ub-district.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 12th January 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
	LONDON—OUTER RING	368,414	631,381	590	297	72	76	3	7	5	4	4	4	3	4	9	47
29 : 1	Carshalton *wL* - - -	12228	13523	8	16	3	3	-	-	-	-	-	-	-	-	-	9
2	Epsom (*part of*) * *WH* -	9971	9145	1	6	-	2	-	-	-	-	-	-	-	-	-	2
36 : 1	Godstone (*part of*) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	58	20	5	7	-	1	-	-	-	-	-	-	-	2
2	Mitcham *WH* - - -	11697	12534	5	7	3	2	1	-	-	-	-	-	-	-	-	-
38 : 1	Wimbledon *HH* - -	3220	9087	12	3	-	1	-	-	1	-	-	-	-	-	-	-
2	Kingston *WH* - - -	8549	27489	24	19	3	5	-	-	-	-	-	-	1	-	-	6
3	Esher (*part of*) * - -	6601	7353	4	2	1	1	-	-	-	-	-	-	-	-	-	-
4	Hampton - - - -	4573	10185	12	1	-	-	-	1	-	-	-	1	-	-	-	-
39 : 1	Richmond *WH* - - -	2271	16829	9	8	1	2	-	-	-	-	-	-	-	1	1	1
2	Mortlake - - - -	2961	9316	6	2	-	1	-	-	-	-	-	-	-	-	-	-
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	11	10	3	3	-	1	-	-	-	-	-	-	-	1
2	Chislehurst (*part of*)* *W* -	13665	10028	14	2	2	-	-	-	-	-	-	-	-	-	-	-
41 : 1	Bexley *H* - - - -	13439	19566	21	12	4	2	-	-	-	2	-	-	-	-	-	1
123 : 1	Sunbury *W* - - -	11055	9860	8	3	-	1	-	-	-	-	-	-	1	-	1	-
2	Staines *W* - - - -	13277	10339	7	3	3	-	-	-	-	-	-	-	-	-	-	-
124 : 1	Hillingdon *WH* - - -	6029	9712	4	2	1	-	-	-	-	-	-	-	-	-	-	-
2	Uxbridge - - - -	6178	5329	1	3	-	-	-	-	-	-	-	-	-	1	1	-
3	Hayes *WL* - - - -	14587	10497	1	2	1	-	-	-	-	-	-	-	-	-	-	1
125 : 1	Isleworth *W* - - -	7008	19930	11	9	-	5	-	-	-	-	-	-	1	-	-	3
2	Twickenham - - -	2477	10533	5	4	2	-	-	-	-	-	-	-	-	-	-	-
3	Brentford *HL* - - -	4370	20279	23	4	-	3	-	-	-	-	-	-	-	1	1	-
4	Chiswick - - - -	1311	8508	11	8	3	1	-	1	-	-	-	1	-	-	1	-
5	Acton *WH* - - - -	6087	12683	15	4	-	1	-	-	-	-	-	-	-	-	-	-
126 : 1	Harrow *H* - - - -	13809	10869	8	2	1	-	-	-	-	-	-	-	-	-	-	-
2	Edgware *H* - - -	6994	3450	1	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	26	10	3	1	-	1	-	-	-	-	-	-	1	-
4	Hendon *WH* - - -	8382	6972	7	6	2	2	-	-	-	-	-	-	-	-	1	2
127 : 1	South Mimms - - -	15419	5924	-	2	-	2	-	-	-	-	-	-	-	-	-	-
2	Barnet *W* - - - -	5423	7752	6	5	2	2	-	-	-	-	-	-	-	-	-	-
3	Finchley *L* - - - -	4688	11493	12	9	1	2	-	-	-	-	-	-	-	-	-	6
128 : 1	Hornsey *H* - - - -	3039	19357	22	17	2	5	-	1	-	2	-	-	-	-	-	-
2	Tottenham *H* - - -	4642	22869	29	15	4	2	-	-	1	-	2	-	-	-	-	-
3	Edmonton *WW* - - -	7483	13860	12	7	-	3	-	-	1	-	-	1	-	-	-	2
4	Enfield *WH* - - -	12653	16054	16	2	1	1	-	-	-	-	-	-	-	-	-	-
5	Waltham Abbey - - -	11017	5197	3	2	-	1	-	1	-	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	5	3	1	2	-	-	-	-	-	-	-	-	-	-
134 : 1	Hatfield (*part of*) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	6	4	1	2	-	-	-	-	-	-	-	-	-	-
185 : 1	Stratford - - - -	882	23286	31	9	1	2	1	-	-	-	-	1	-	-	1	-
2	West Ham *WWWW* - -	7345	44642	79	25	9	2	1	-	2	-	2	-	-	-	-	-
3	Leyton *WW* - - -	4274	15513	16	18	5	6	-	-	-	-	-	-	-	1	1	10
4	Walthamstow *H* - -	6619	15701	18	5	2	-	-	-	-	-	-	-	-	-	-	-
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	8	2	-	-	-	-	-	-	-	-	-	-	-	1
188 : 1	Romford (*part of*) * - -	6730	2879	4	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford - - - - -	8492	5947	3	2	-	1	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	7	2	2	-	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:- 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Godston sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except th two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903) 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoydon-Boi (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 12th January, 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Deaths in Public Institutions.
GREATER LONDON	446,494	4,450,015	24·1	3·9	2057	452	451	38	106	44	13	73	37	20	69	349
INNER LONDON -	78,080	3,577,304	25·7	4·4	1760	380	375	35	97	39	9	69	33	17	65	302
OUTER RING -	368,414	872,711	17·8	1·8	297	72	76	3	7	5	4	4	4	3	4	47

NOTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 697·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,566,865 Persons.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	December	8	–	407	49·4	Fevers 124; cholera 32; small-pox 2.
BOMBAY - -	644,405	"	11	–	529	42·7	Measles 42; cholera 10.
MADRAS - -	397,552	November	16	313	754	98·6	Small-pox 39; dysentery 186.
PARIS - -	1,988,806	January	10	–	1006	26·3	Typhoid fever 19; diphtheria 30.
GENEVA - -	67,829	"	5	25	38	29·2	Whooping-cough 2.
BRUSSELS - -	173,000	"	5	115	86	25·9	—
AMSTERDAM -	289,981	December	29	245	189	33·1	Typhus and typhoid fever 3.
ROTTERDAM -	136,231	"	29	119	74	28·2	Whooping-cough 4.
THE HAGUE -	104,095	"	29	62	59	29·5	—
COPENHAGEN -	215,000	January	1	139	98	23·8	Typhoid fever 2.
STOCKHOLM -	146,845	December	29	–	77	27·2	Scarlet fever 3; typhoid fever 4.
CHRISTIANIA -	79,000	"	29	75	21	13·8	Whooping-cough 2.
ST. PETERSBURGH	669,741	"	15	–	566	43·9	Small-pox 13; typhus and typhoid fever 54.
		"	22	–	562	43·6	Small-pox 9; typhus and typhoid fever 71.
BERLIN - -	1,019,291	"	22	856	468	23·9	Scarlet fev. 22; diph. 32.
HAMBURG (State)	393,588	"	22	271	191	25·3	Whooping-cough 16.
		"	29	331	232	30·8	Whp.-cough 8; typhus 6.
DRESDEN - -	204,827	"	22	130	86	21·8	Scarlet fever 5; diphtheria and croup 10.
BRESLAU - -	257,000	January	5	196	133	25·9	—
MUNICH - -	222,000	"	5	198	138	32·0	Diphtheria and croup 8.
VIENNA - -	727,271	"	5	516	450	32·3	Small-pox 14; diphtheria 24.
BUDA-PESTH -	319,530	"	5	261	249	40·5	Diphtheria 13; measles 11.
ROME - -	280,564	November	24	131	154	28·7	Small-pox 3; diphtheria and croup 5.
NAPLES - -	454,948	December	9	–	271	31·1	Typhus 3; croup 4.
TURIN - -	223,488	"	22	134	139	32·5	Diphtheria and croup 5.
VENICE - -	139,796	January	5	57	89	29·8	—
ALEXANDRIA -	212,034	December	20	213	182	44·8	Whooping-cough 6.
NEW YORK -	1,083,916	"	15	–	455	22·0	Scarlet fever 14; diphtheria 26.
BROOKLYN -	527,830	"	15	–	19	19·6	Scarlet fever 10; diphtheria 11.
PHILADELPHIA -	850,856	"	22	–	305	18·7	Scarlet fev. 16; diph. 14; typhoid fever 12.
BOSTON - -	363,000	"	15	–	113	16·1	Diphtheria 10; typhoid fever 4.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 12th JANUARY, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Between Dew Point Temperature and Air Temperature. Greatest.	Between Dew Point Temperature and Air Temperature. Least.	Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Osler's. General Direction. P.M	Osler's. Pressure on square foot. Greatest.	Osler's. Pressure on square foot. Least.	Osler's. Pressure on square foot. Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
JANUARY.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN. .	6	..	29·797	47·3	42·7	4·6	45·0	41·5	51·5	38·2	43·3	41·3	3·5	6·7	0·0	+ 8·6	88	WSW. W. & NW.	NW. W. & WSW.	1·3	0·0	0·1	277	— 55	0·01	0·5
MON. .	7	..	29·347	43·1	35·0	8·1	39·2	34·1	68·7	29·5	44·3	42·1	5·1	8·8	3·1	+ 2·9	82	WSW.	WSW. & SW.	3·0	0·0	0·3	329	+ 3	0·01	1·5
TUES. .	8	Apogee.	29·657	42·3	34·0	8·3	38·1	33·5	61·0	30·6	43·8	41·8	4·6	7·6	1·6	+ 1·9	83	NNE. & N.	N.	5·4	0·0	0·9	393	+ 75	0·00	0·0
WED. .	9	In Equator	30·005	39·3	33·1	6·2	36·2	30·9	64·0	28·6	43·3	41·3	5·3	8·3	1·2	0·0	81	N. & NNE.	NNE. & N.	2·3	0·0	0·2	313	+ 3	0·00	0·0
THURS.	10	..	30·151	41·4	30·8	10·6	36·1	32·8	65·6	25·8	42·8	40·8	3·3	6·0	0·6	— 0·2	87	N.	N. & NE.	2·8	0·0	0·2	269	— 34	0·00	0·0
FRI. .	11	First Quarter	30·451	38·3	25·7	12·6	31·4	24·2	53·7	19·5	42·1	39·7	7·2	12·2	0·0	— 4·9	74	NE. N. & NW.	NE. & SW.	0·0	0·0	0·0	102	—198	0·00	0·0
SAT. .	12	..	30·476	36·2	26·5	9·7	32·6	26·7	36·3	22·0	41·1	38·7	5·9	8·1	0·0	— 3·8	78	WSW.	WSW. & SW.	0·0	0·0	0·0	174	—126	0·00	0·0
MEANS .		..	29·983	41·1	32·5	8·6	36·9	32·0	57·3	27·7	43·0	40·8	5·0	8·2	0·9	+ 0·6	82	Variable.		..	..	..	Sum 1857	Sum —332	Sum 0·02	0·3
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. JANUARY.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY .	6	The electrical apparatus was not in action throughout the week.	0·0	8·0	Generally overcast. A little rain fell in the early morning hours.
MONDAY .	7		2·5	8·0	Partially cloudy. Fine throughout morning. Slight rain in afternoon.
TUESDAY .	8		0 5	8·0	Generally cloudy.
WEDNESDAY	9		1·4	8·1	Fine but cloudy. A little snow fell in the morning.
THURSDAY .	10		2·0	8·1	Fine; partially cloudy till evening, then cloudless. Hoar frost at night.
FRIDAY .	11		1·7	8·1	Hoar frost in morning. Fine. The amount of cloud was generally small.
SATURDAY .	12		0·0	8·2	Hoar frost in morning. Overcast and foggy during the day.
..		..	Sum 8·1	Sum 56·5	
No. of Col. .		28	29	30	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and — "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29·90 in. at the beginning of the week to 29·29 in. by 9h. P.M. on the 7th; increased to 30·50 in. by 9h. A.M. on the 12th; and was 30·47 in. at the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

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General Register Office, Somerset House,
January 21st, 1878.

United Kingdom.

During last week 6001 *births* and 4251 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The natural increase of population was 1750. The mortality from all causes was at the average rate of 26 deaths annually in every 1000 persons living. The annual death-rate was 28 per 1000 in Edinburgh, 29 in Glasgow, and 28 in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Portsmouth 19, Leicester 19, Norwich 20, Nottingham 21, Hull 22, Newcastle-upon-Tyne 22, Wolverhampton 22, Bristol 23, Brighton 23, Leeds 23, Sheffield 23, Oldham 25, Bradford 25, Sunderland 26, Plymouth 27, Birmingham 27, Manchester 28, Salford 28, London 28, and Liverpool 28. Whooping-cough continues to show fatal prevalence in Plymouth and Birmingham. Measles caused 2 more deaths in the Manchester Workhouse at Crumpsall. The fatal cases of small-pox in London rose to 51, and one death was also referred to this disease, both in Manchester and Norwich, whereas not one was returned in any of the seventeen other towns.

London.

In London 2563 births and 1903 deaths were registered. Allowing for increase of population, the births were 38 below, while the deaths exceeded by 215, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 27·6 and 25·7 per 1000, rose last week to 27·8, a higher rate than has prevailed in any week since the beginning of April last.

The 1903 deaths included 51 from small-pox, 77 from measles, 35 from scarlet fever, 5 from diphtheria, 94 from whooping-cough, 21 from different forms of fever, and 8 from diarrhœa; thus to the seven principal diseases of the zymotic class 291 deaths were referred, against 292 and 299 in the two preceding weeks. The fatal cases of measles, which had been 104 and 97 in the two preceding weeks, further declined to 77 last week, but exceeded the corrected average by 41, showing the largest excess in the East and South groups of districts; 6 occurred in Islington, 9 in Mile End Old Town, 9 in Bow, 4 in Bermondsey, 7 in Lambeth, 5 in Camberwell, and 6 in Greenwich. The 35 deaths from scarlet fever included 7 in Islington, and 4 in Bow. The deaths from whooping-cough, which had been 89 and 69 in the two previous weeks, rose to 94 last week, of which no less than 50 occurred in South London; 7 were returned in Islington, 5 in Newington, 13 in Bermondsey, 6 in Rotherhithe, 8 in Lambeth, 5 in Camberwell, and 5 in Deptford. The deaths referred to fever, which had been 28 and 33 in the two preceding weeks, declined to 21 last week, and were 14 below the corrected average; 4 were fatal cases of typhus, 15 of enteric or typhoid, and 2 of simple continued fever. The four deceased typhus patients had resided in Westbourne Street, Belgravia; Great Bath Street, Clerkenwell; Unicorn Yard, Tooley Street, Southwark; and Stanhope Street, Deptford. Two fatal cases of enteric fever belonged to Islington, 2 to Hackney, and 2 to Lambeth.

The deaths from small-pox, which had been 26 and 35 in the two preceding weeks, further rose to 51 last week, a higher number than in any week since the middle of June last; 30 occurred in the Metropolitan Asylum Hospitals, and 21 in private dwelling-houses. Six of the deceased small-pox patients had resided in Pancras, 7 in Islington, 4 in Hackney, 7 in Stepney, 6 in Mile End Old Town, and 5 in Camberwell. The 21 deaths from small-pox in private dwelling-houses included 3 in Pancras, 4 in Islington, 2 in Hackney, 5 in Mile End Old Town, and 3 in Camberwell. Of the 51 fatal small-pox cases in the Metropolis, 25 were certified

as unvaccinated and 14 as vaccinated, while in the remaining 12 cases the medical certificates gave no information as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which had declined at the beginning of October last to 137, has since steadily increased to 309, 374, 415, and 468 at the end of the last four weeks; 129 new cases were admitted during last week, against 129 and 124 in the two preceding weeks. The Highgate Small-pox Hospital contained 47 patients on Saturday last; at the end of the three preceding weeks the numbers had been 26, 36, and 43.

The deaths referred to diseases of the respiratory organs, which had been 535 and 464 in the two previous weeks, rose to 541 last week, and exceeded the corrected weekly average by 133; 364 resulted from bronchitis, and 118 from pneumonia.

Different forms of violence caused 71 deaths; 61 were the result of negligence or accident, including 28 from fractures and contusions, 12 from burns and scalds, 2 from drowning, and 13 of infants under one year of age from suffocation. The 28 deaths from fractures and contusions were thus caused:—female 45, run over by a van; male 28, fell from a van; male 41, run over by a wagon; male 10, caught in the wheel of a dray; male 62, jammed between a van and some timber at the docks; female 35, run over on the Great Western Railway; male 19, run over by a railway engine; male 40, run over on railway at New Cross; male 31, run over on the South-Eastern Railway; male 38, run over on railway at Victoria Station; male 60, injured by fall on railway at Gosport; females 63, 61, fell down stairs; males 44 and 42, fell from windows; male 21, fell down area; male 42, and female 5, fell in the street; female 73, male 70, by fall (nature not stated); male 43, by fracture of skull whilst pulling down sheds; male 41, injured by fall of wall upon him; male 27, injured by sack of malt falling upon him; male 11, crushed finger by wood falling upon him; male 53, injured during a fight (intoxicated); males 64, 51, by fracture of legs; and male 39, injured by machinery. An inquest was held in each of these 28 cases except one, which was certified by a registered medical practitioner.

In the large Public Institutions 358 deaths were recorded, or 19 per cent. of the total deaths; of these 227 occurred in Workhouse Establishments, 120 in Hospitals, and 11 in Lunatic Asylums. The London Fever Hospital contained 70 patients on Saturday last, including 53 cases of scarlet fever, 9 of enteric fever, and 6 of measles.

Greater London.

In Greater London 3065 births and 2233 deaths were registered, equal to annual rates of 35·9 and 26·2 per 1000 of the population. In the Outer Ring 9 fatal cases of small-pox were recorded in West Ham, 2 in Willesden, and one in Croydon sub-districts.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 54, Bombay 43, Madras 97; Paris 26; Geneva 30; Brussels 32; Amsterdam 34, Rotterdam 32, The Hague 37; Copenhagen 25, Stockholm 23; Christiania 20; St. Petersburgh 46; Berlin 28; Hamburg 30; Dresden 21, Breslau 25, Munich 32; Vienna 32; Naples 31, Turin 37, Venice 30; Alexandria 48; New York 19, Brooklyn 16, Philadelphia 19, and Boston 16.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30·23 in., the highest reading was 30·47 in. at the beginning of the week, and the lowest 30·02 in. on Wednesday afternoon. The mean temperature of the *air* was 42°·9, and 6°·2 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean on Friday was but 34°·5, and was 2°·4 below the average, while a considerable excess prevailed on each of the other days of the week; on Tuesday the mean was 48°·8, and was 12°·2 above the average. The lowest night temperature was 28°·0 on Friday, and the highest day temperature in the shade 54°·2 on Tuesday; the extreme range in the week was, therefore, 26°·2. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 78°·8 on Wednesday. The difference between the mean *dew-point* and *air* temperature averaged 4°·8. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police ship, was 39°·8. The mean degree of *humidity* of the air was 83, complete saturation being represented by 100; the air was, therefore, of the average dryness. The general direction of the *wind* was Westerly, and the horizontal movement of the air averaged 13·5 miles per hour, which was 0·1 above the average in the corresponding week of 16 years. *Rain* fell on Tuesday to the amount of 0·02 of an inch. The duration of registered sunshine in the week was 6·5 hours, the sun being above the horizon during 58·1 hours; the recorded duration of sunshine was, therefore, equal to 11·2 per cent. of its possible duration.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 19th January, 1878.

CITIES AND BOROUGHS. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 19th January 1878.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
In 23 TOWNS in the UNITED KINGDOM	220,845	8,373,953	37·9	6001	4251	57·0	25·1	43·9	6·61	0·28	0·71
LONDON	75,362	3,577,304	47·5	2563	1903	54·2	28·0	42·9	6·06	0·02	0·05
BRIGHTON	2,354	103,923	44·1	78	46	52·2	33·0	42·0	5·56	0·02	0·05
PORTSMOUTH	4,486	129,461	28·9	63	46	52·8	31·6	44·5	6·95	0·06	0·15
NORWICH	7,472	84,620	11·3	59	33	52·0	34·8	43·5	6·39	0·04	0·10
PLYMOUTH	1,395	73,599	52·8	39	38	57·0	27·5	46·1	7·84	0·04	0·10
BRISTOL	4,452	206,419	46·4	134	91	51·8	36·2	45·1	7·23	0·05	0·13
WOLVERHAMPTON	3,396	74,240	21·9	55	32	51·5	32·0	43·4	6·33	0·25	0·63
BIRMINGHAM	8,400	383,117	45·6	319	200	–	–	–	–	–	–
LEICESTER	3,200	121,473	38·0	95	44	52·0	34·8	44·3	6·89	0·14	0·36
NOTTINGHAM	9,960	165,267	16·6	108	66	54·3	25·1	41·9	5·50	0·34	0·86
LIVERPOOL	5,210	532,681	102·2	430	284	51·0	40·4	45·4	7·44	0·33	0·84
MANCHESTER	4,293	360,514	84·0	249	190	–	–	–	–	–	–
SALFORD	5,170	170,251	32·9	138	90	50·5	33·2	43·3	6·28	0·95	2·41
OLDHAM	4,666	107,366	23·0	81	52	–	–	–	–	–	–
BRADFORD	7,220	185,038	25·6	133	90	49·8	32·9	43·3	6·28	0·63	1·60
LEEDS	21,572	304,948	14·1	223	137	52·0	32·0	44·3	6·84	0·27	0·69
SHEFFIELD	19,651	289,537	14·7	199	130	52·0	30·0	43·7	6·50	0·60	1·52
HULL	3,635	143,139	39·4	116	60	52·0	27·0	41·7	5·39	0·46	1·17
SUNDERLAND	3,306	112,459	34·0	95	55	55·0	35·0	44·5	6·95	0·18	0·46
NEWCASTLE-ON-TYNE	5,371	144,570	26·9	104	62	–	–	–	–	–	–
EDINBURGH	4,191	222,371	53·1	144	118	52·3	32·8	42·7	5·95	0·28	0·71
GLASGOW	6,033	566,940	94·0	379	316	50·5	39·2	44·9	7·17	0·52	1·32
DUBLIN	10,050	314,666	31·3	197	168	53·0	37·3	46·5	8·06	0·10	0·25

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.

† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday, the 19th January, 1878.

BOROUGHS, &c. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
				Deaths of		Deaths from									
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
In 20 TOWNS	26·2	3·7	3649	829	798	53	104	95	11	173	47	31	122	238	580
LONDON	27·8	4·2	1903	416	447	51	77	35	5	94	21	8	71	137	358
BRIGHTON	23·1	2·0	46	13	10	–	–	–	–	3	–	1	–	1	–
PORTSMOUTH	18·5	1·2	46	9	11	–	1	–	–	2	–	–	1	4	5
NORWICH	20·3	3·1	33	10	14	1	–	1	–	3	–	–	–	2	4
PLYMOUTH	26·9	4·3	38	6	8	–	–	–	–	6	–	–	–	2	2
BRISTOL	23·0	1·8	91	24	20	–	1	5	–	–	1	–	3	9	18
WOLVERHAMPTON	22·5	2·8	32	8	8	–	–	3	–	–	1	–	1	1	8
BIRMINGHAM	27·2	3·9	200	50	49	–	–	8	–	17	3	1	13	16	27
LEICESTER	18·9	2·1	44	13	14	–	1	–	–	4	–	–	2	3	5
NOTTINGHAM	20·8	1·6	66	14	18	–	–	–	1	3	–	1	–	2	8
LIVERPOOL	27·8	3·9	284	62	43	–	11	6	2	13	3	5	9	10	48
MANCHESTER	27·5	3·9	190	34	37	1	5	9	1	4	1	6	4	17	26
SALFORD	27·6	2·1	90	25	17	–	–	4	–	1	2	–	2	2	15
OLDHAM	25·3	3·9	52	16	5	–	2	3	–	3	–	–	2	3	2
BRADFORD	25·4	3·7	90	13	13	–	–	4	–	5	3	1	2	6	6
LEEDS	23·4	2·6	137	43	21	–	4	2	1	5	2	1	3	10	7
SHEFFIELD	23·4	4·3	130	23	24	–	2	11	1	4	4	2	3	7	20
HULL	21·9	1·8	60	19	19	–	–	1	–	–	1	3	2	2	10
SUNDERLAND	25·5	4·2	55	22	3	–	–	2	–	5	2	–	2	2	4
NEWCASTLE-ON-TYNE	22·4	2·5	62	9	17	–	–	1	–	1	3	2	2	2	7
DUBLIN	27·9	3·8	168	25	44	1	11	–	1	4	4	2	5	4	47

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the THIRD Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2202	2276	2239	2362	2465	2537	2358	2498	2627	2747	2431·1	2563
Males . .	1129	1125	1130	1187	1309	1318	1245	1314	1332	1446	1253·5	1274
Females .	1073	1151	1109	1175	1156	1219	1113	1184	1295	1301	1177·6	1289
TOTAL **Deaths**	1596	1578	1652	1846	1628	1143	1492	1569	1782	1491	1577·7	1903
Males . .	800	781	842	915	779	588	764	799	852	791	791·1	971
Females .	796	797	810	931	849	555	728	770	930	700	786·6	932

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868-77, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Oct. 27.	Nov. 3.	Nov. 10.	Nov. 17	Nov. 24.	Dec. 1.	Dec. 8.	Dec. 15.	Dec. 22.	Dec. 29.	Jan. 5.	Jan. 12.	Jan. 19.
TOTAL **Deaths** - - -	1499	1447	1448	1435	1571	1579	1547	1613	1761	1757	1892	1760	1903
0—20 - -	750	727	742	750	815	804	816	786	944	868	911	867	918
20—40 - -	193	216	190	192	209	219	183	218	205	217	244	230	240
40—60 - -	242	227	238	242	250	248	265	241	273	274	317	288	298
60—80 - -	252	231	233	215	253	267	238	307	282	331	345	309	373
at 80 years & upwds.	62	46	45	36	44	41	45	61	57	67	75	66	74
Deaths of children: Under 1 year -	358	342	337	323	381	375	391	359	417	398	436	380	416
Deaths of children: 1—5 - -	281	268	295	314	312	320	316	302	400	367	378	363	397
Deaths of children: 5—20 - -	111	117	110	113	122	109	109	125	127	103	97	124	105
Deaths from 7 principal Zymotic Diseases	241	229	229	223	258	248	234	248	301	311	292	299	291
" " Small-pox -	14	9	25	14	27	31	25	31	31	29	26	35	51
" " Measles - -	67	47	62	66	82	81	76	92	102	109	104	97	77
" " Scarlet fever -	64	82	67	61	55	52	46	54	46	31	31	39	35
" " Diphtheria -	6	9	6	8	11	5	5	10	3	12	5	9	5
" " Whooping-cough	28	24	15	23	32	27	36	25	64	82	89	69	94
" " Typhus fever -	3	4	1	2	5	1	5	3	6	7	1	7	4
" " Enteric (or Typhoid) fever -	32	31	35	26	29	30	21	20	27	23	23	19	15
" " Simple Contd fever	4	4	6	–	4	5	1	3	8	6	4	7	2
" " Diarrhœa - -	23	19	12	23	13	16	19	10	14	12	9	17	8
" " Simple Cholera -	1	–	–	–	–	–	–	–	–	–	1	–	–
" " Dis. of Respiratory Organs -	371	335	338	313	409	417	397	415	487	467	535	464	541
" " Phthisis - -	159	158	140	150	163	128	133	151	170	158	167	177	168
" " Heart Diseases -	63	91	81	87	93	115	91	96	91	94	99	100	103
Violent Deaths - - -	56	46	40	53	43	45	48	55	44	50	67	65	71
Inquest Cases - - -	99	94	77	96	85	77	93	91	88	94	136	134	137
Deaths in Public Institutions	276	259	269	257	248	267	268	297	310	306	301	302	358
TEMPERATURE OF THE AIR:													
Mean - - - - -	49·7°	49·1°	51·0°	45·6°	42·8°	41·9°	43·4°	39·0°	41·8°	37·8°	43·9°	36·9°	42·9°
Mean of Highest readings -	56·4	56·7	57·1	52·0	48·9	47·2	47·8	45·1	45·4	43·2	47·1	41·1	47·9
Mean of Lowest readings -	43·6	42·1	45·1	38·8	36·3	36·6	38·3	32·5	38·1	32·1	39·7	32·5	36·8
Mean Temperature of the Water of the Thames -	–	50·7	50·6	49·2	45·5	43·0	42·2	42·4	40·9	40·7	40·6	41·9	39·8
Humidity of the Air - -	87	80	86	88	84	86	90	87	91	79	91	82	83
Rain-fall in inches - -	1·24	0·04	0·72	0·83	1·12	1·07	0·49	0·18	0·03	0·55	0·48	0·02	0·02
Registered Sunshine (in hours)	10·8	19·2	12·7	10·9	11·9	12·3	4·5	6·0	1·5	12·2	3·5	8·1	6·5

METEOROLOGICAL OBSERVATIONS. (*See* TABLE **1.**)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRD Week of the Year 1878.

CAUSES OF DEATH.	Average in the Third Weeks of the 10 years 1868-77.*	In the Week ending Saturday, January 19, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature	41·1	42·9							
ALL CAUSES	1577·7	1903	416	397	105	240	298	373	74
SPECIFIED CAUSES	1571·5	1897	411	397	105	240	297	373	74
I. ZYMOTIC.									
ORDER 1.									
1. Small-pox	42·7	51	6	12	11	16	5	1	-
2. Measles	33·6	77	15	61	1	-	-	-	-
3. Scarlet Fever	53·9	35	5	27	3	-	-	-	-
4. Diphtheria	6·3	5	1	2	1	-	-	1	-
5. Quinsy	·5	-	-	-	-	-		-	-
6. Croup	13·2	14	1	11	2	-	-	-	-
7. Whooping-cough	61·6	94	25	64	5	-	-	-	-
8. Typhus	33·1 (Enteric or Typhoid Fev. — Simple continued Fev.)	4	-	-	1	3	-	-	-
— Enteric or Typhoid Fev.		15	1	2	3	8	1	-	-
— Simple continued Fev.		2	-	2	-	-	-	-	-
9. Erysipelas	10·6	5	-	-	1	1	-	3	-
10. Puerperal Fev. (Metria)	7·6	5	-	-	-	4	1	-	-
11. Carbuncle	·7	-	-	-	-	-	-	-	-
12. Influenza	1·0	1	1	-	-	-	-	-	-
13. Dysentery	1·3	1	-	-	-	-	1	-	-
14. Diarrhœa	14·4	8	6	2	-	-	-	-	-
15. Simple Cholera	·2	-	-	-	-	-	-	-	-
16. Ague	·3	-	-	-	-	-	-	-	-
17. Remittent Fever	·2	1	-	-	-	1	-	-	-
18. Rheumatism	8·5	9	-	-	2	4	1	2	-
19. Other *Zymotic* Diseases	·9	1	-	-	-	1	-	-	-
ORDER 2.									
1. Syphilis	8·7	14	10	-	-	1	2	1	-
2. Stricture of Urethra	1·8	2	-	-	-	-	-	2	-
3. Hydrophobia	—	-	-	-	-	-	-	-	-
4. Glanders	—	-	-	-	-	-	-	-	-
ORDER 3.									
1. Privation	1·0	-	-	-	-	-	-	-	-
2. Want of Breast-milk	7·7	10	10	-	-	-	-	-	-
3. Purpura and Scurvy	2·7	3	-	1	-	1	1	-	-
4. Alcoholism { *a* Del. Tremens	2·1	3	-	-	-	3	-	-	-
4. Alcoholism { *b* Intemperance	1·5	2	-	-	-	1	1	-	-
ORDER 4.									
1. Thrush	2·9	1	1	-	-	-	-	-	-
2. Worms, &c.	·1	-	-	-	-	-	-	-	-
II. CONSTITUTIONAL.									
ORDER 1.									
1. Gout	3·6	3	-	-	-	-	3	-	-
2. Dropsy	10·9	6	1	1	-	-	1	2	1
3. Cancer	35·5	42	-	-	-	4	22	16	-
4. Cancrum Oris (Noma)	·4	-	-	-	-	-	-	-	-
5. Mortification	4·4	8	1	-	-	-	-	6	1
ORDER 2.									
1. Scrofula	7·9	24	6	12	4	2	-	-	-
2. Tabes Mesenterica	19·6	26	16	9	1	-	-	-	-
3. Phthisis	164·7	168	3	7	14	80	54	10	-
4. Hydrocephalus	28·8	32	11	17	2	2	-	-	-
III. LOCAL.									
ORDER 1.									
1. Cephalitis	16·7	16	1	5	5	2	2	1	-
2. Apoplexy	38·1	59	-	1	-	1	12	30	6
3. Paralysis	34·5	38	-	-	1	2	10	21	4
4. Insanity	1·8	-	-	-	-	-	-	-	-
5. Chorea	·2	-	-	-	-	-	-	-	-
6. Epilepsy	5·1	12	-	-	1	7	4	-	-
7. Convulsions	53·3	47	36	11	-	-	-	-	-
8. *Brain Disease, &c.*	19·4	26	2	1	3	4	5	9	2
ORDER 2.									
1. Pericarditis	2·8	1	1	-	-	-	-	-	-
2. Aneurism	2·0	3	-	-	-	2	-	1	-
3. *Heart Disease, &c.*	80·5	99	-	-	9	13	34	40	3
ORDER 3.									
1. Laryngitis	8·5	9	2	2	-	1	1	3	-
2. Bronchitis	246·9	364	81	64	5	13	61	120	20
3. Pleurisy	4·3	7	-	-	1	1	4	1	-
4. Pneumonia	85·8	118	26	48	6	10	11	16	1
5. Asthma	17·7	23	-	-	-	3	10	8	2
6. *Lung Disease, &c.*	18·0	20	5	4	1	1	4	5	-

CAUSES OF DEATH.	Average in the Third Weeks of the 10 years 1868-77.*	In the Week ending Saturday, January 19, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature	41·1	42·9							
ORDER 4.									
1. Gastritis	1·4	-	-	-	-	-	-	-	-
2. Enteritis	5·8	8	6	-	-	1	1	-	-
3. Peritonitis	5·6	3	-	-	-	2	-	1	-
4. Ascites	1·5	3	-	-	-		2	1	-
5. Ulceration of Intestines	3·8	5	-	1	-	1	2	1	-
6. Hernia	4·2	4	-		-	-	2	2	-
7. Ileus	3·3	5	1	-	1	-	2	1	-
8. Intussusception	·8	-	-	-	-	-	-	-	-
9. Stricture of Intestines	·3	1	-	1	-	-	-	-	-
10. Fistula	·1	-	-	-	-	-	-	-	-
11. *Stomach Disease, &c.*	6·3	12	2	2	1	3	1	3	-
12. *Pancreas Disease, &c.*	—	-	-	-	-	-	-	-	-
13. Hepatitis	2·4	-	-	-	-	-	-	-	-
14. Jaundice	3·9	5	3	-	-	1	-	1	-
15. *Liver Disease, &c.*	17·1	20	-	-	-	5	9	6	-
16. *Spleen Disease, &c.*	·4	1	-	1	-	-	-	-	-
ORDER 5.									
1. Nephritis	3·3	2	-	-	1	-	1	-	-
2. Ischuria	—	-	-	-	-	-	-	-	-
3. Bright's Dis. (Nephria)	13·2	15	-	-	-	3	6	6	-
4. Diabetes	3·4	2	-	-	1	-	1	-	-
5. Calculus (Stone)	·7	-	-	-	-	-	-	-	-
6. Cystitis	1·4	2	-	-	-	-	-	2	-
7. *Kidney Disease, &c.*	7·5	9	-	1	1	2	1	4	-
ORDER 6.									
1. Ovarian Dropsy	·2	1	-	-	-	1	-	-	-
2. *Uterus Disease, &c.*	3·8	6	-	-	-	1	1	4	-
ORDER 7.									
1. Synovitis (Arthritis)	·6	-	-	-	-	-	-	-	-
2. *Joint Disease, &c.*	5·5	7	-	-	5	2	-	-	-
ORDER 8.									
1. Phlegmon	2·2	6	-	2	2	2	-	-	-
2. Ulcer	·7	-	-	-	-	-	-	-	-
3. *Skin Disease, &c.*	·7	1	-	-	-	-	-	1	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth	25·8	27	27	-	-	-	-	-	-
2. Cyanosis	1·6	5	5	-	-	-	-	-	-
3. Spina Bifida	1·1	1	1	-	-	-	-	-	-
4. Other Malformations	1·5	4	4	-	-	-	-	-	-
5. Teething	16·5	15	4	11	-	-	-	-	-
ORDER 2.									
1. Paramenia	·3	-	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever)	7·8	10	-	-	-	9	1	-	-
ORDER 3.									
1. Old Age	65·3	59	-	-	-	-	-	25	34
ORDER 4.									
1. Atrophy and Debility	63·1	82	69	8	-	-	1	4	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	17·4	28	-	-	4	7	10	7	-
2. Wounds { Gunshot	1·0	-	-	-	-	-	-	-	-
2. Wounds { Cut, Stab		1	-	-	-	-	1	-	-
3. Burns and Scalds	7·9	12	-	4	5	1	1	1	-
4. Poison	1·6	1	-	-	-	1	-	-	-
5. Drowning	6·0	2	-	-	-	1	-	1	-
6. Suffocation	13·1	16	13	-	-	1	-	2	-
7. Otherwise	2·8	1	1	-	-	-	-	-	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	2·6	1	1	-	-	-	-	-	-
ORDER 4. (SUICIDE.)									
1. Wounds { Gunshot	·5	1	-	-	1	-	-	-	-
1. Wounds { Cut, Stab	1·8	2	-	-	-	1	1	-	-
2. Poison	·7	1	-	-	-	1	-	-	-
3. Drowning	·9	1	-	-	-	-	1	-	-
4. Hanging	1·4	2	-	-	-	-	1	1	-
5. Otherwise	·2	2	-	-	-	2	-	-	-
ORDER 5. (EXECUTION.)									
1. Hanging	—	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained)	1·6	1	1	-	-	-	-	-	-
Causes not specified or ill-defined	4·6	5	4	-	-	-	1	-	-

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLE
during the Week endin

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age.	Deaths of Persons aged 60 Years & upwds.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions
LONDON	3,254,260	2563	1903	416	447	51	77	35	5	94	4	15	2	8	71	137	358
WEST DISTRICTS	561,359	384	290	59	74	1	3	3	-	13	1	4	-	1	12	22	49
NORTH DISTRICTS	751,729	603	429	83	103	31	13	12	3	15	-	5	1	2	11	34	71
CENTRAL DISTRICTS	334,369	223	175	31	43	-	3	4	1	2	1	1	-	-	14	21	40
EAST DISTRICTS	639,111	540	397	86	99	7	25	11	-	14	-	1	1	-	12	26	81
SOUTH DISTRICTS	967,692	813	612	157	128	12	33	5	1	50	2	4	-	5	22	34	117
WEST DISTRICTS.																	
St. Mary Paddington *WH*	58728	38	26	3	9	-	2	-	-	3	-	1	-	-	-	-	2
St. John Paddington *H*	38085	11	18	1	5	-	-	-	-	-	-	-	-	-	3	4	5
Kensington Town *W*	91645	81	55	10	16	-	-	2	-	3	-	-	-	1	1	4	2
Brompton *H*	28654	22	12	3	1	-	-	-	-	1	-	1	-	-	-	-	3
St. Peter Hammersmith	6662	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith *H*	36029	37	25	7	6	1	-	-	-	-	-	-	-	-	4	4	3
Fulham *WwH*	23350	21	16	5	-	-	-	1	-	2	-	-	-	-	-	1	-
Chelsea South *HHH*	26420	18	15	3	6	-	-	-	-	-	-	-	-	-	-	2	-
Chelsea North-west *WHHHH*	22926	12	25	2	10	-	-	-	-	-	-	-	-	-	-	1	17
Chelsea North-east	21392	32	13	4	1	-	1	-	-	1	-	-	-	-	-	-	-
Hanover Square *H*	18698	7	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-
May Fair *WW*	13358	6	6	-	3	-	-	-	-	-	-	1	-	-	-	1	3
Belgrave *HH*	57972	24	24	4	4	-	-	-	-	-	1	-	-	-	1	1	6
St. John Westminster *HH*	38478	24	14	5	2	-	-	-	-	1	-	-	-	-	1	1	-
St. Margaret Westminster *WH*	27781	16	12	2	5	-	-	-	-	2	-	-	-	-	2	3	5
Golden Square *WH*	12860	12	9	4	3	-	-	-	-	-	-	-	-	-	-	-	3
Berwick-street *H*	20759	10	7	3	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Anne Soho *HHHHH*	17562	9	7	1	-	-	-	-	-	-	-	1	-	-	-	-	-
NORTH DISTRICTS.																	
All Souls Marylebone *HHHH*	28579	22	16	2	-	-	-	-	-	1	-	-	-	-	1	3	4
Cavendish Square *HH*	15425	4	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone *WH*	26384	20	22	2	10	-	-	-	-	2	-	-	-	-	-	-	11
St. Mary Marylebone *HHH*	21786	22	10	1	5	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch Marylebone *H*	33944	24	21	3	10	-	-	-	-	-	-	-	-	-	-	2	-
St. John Marylebone *H*	33136	15	17	3	2	-	1	-	-	1	-	-	-	-	1	3	-
Hampstead *WwHH*	32281	12	26	3	5	10	2	-	1	1	-	-	-	-	-	1	12
Regent's Park Pancras	38200	31	17	4	4	-	-	1	-	-	-	-	-	-	2	4	-
Tottenham-court *wHHH*	29370	26	13	4	4	-	-	-	-	-	-	-	-	-	1	1	7
Gray's Inn Lane *HHH*	29221	19	15	1	3	2	-	2	-	-	-	-	-	-	-	-	-
Somers Town	38533	39	17	3	4	-	1	-	-	-	-	-	-	-	-	-	-
Camden Town *WH*	17943	17	11	1	5	-	-	-	-	1	-	-	-	-	-	-	6
Kentish Town *w*	68198	64	38	10	10	1	2	-	-	-	-	-	-	-	-	3	4
Islington West *HHH*	97820	73	53	15	8	4	3	4	-	3	-	1	-	-	1	5	4
Islington East *WwwH*	115958	97	65	16	12	-	3	3	1	4	-	1	1	1	4	7	2
Stoke Newington *H*	9841	23	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stamford Hill	6598	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney	28069	15	13	1	4	1	-	-	-	2	-	1	-	-	-	-	-
Hackney *WwwHL*	50104	40	45	7	9	12	-	2	-	-	-	1	-	1	1	5	21
South Hackney	30339	32	24	7	6	1	1	-	1	-	-	1	-	-	-	-	-
CENTRAL DISTRICTS.																	
St. George Bloomsbury	17853	5	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Giles South *WH*	19109	25	16	3	3	-	-	-	-	-	-	-	-	-	1	1	5
St. Giles North	16594	9	10	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Long Acre	11379	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Charing Cross *HH*	9859	-	3	-	-	-	-	-	-	-	-	-	-	-	1	1	3
St. Mary-le-Strand	9378	8	5	1	3	-	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes *H*	10723	5	7	-	1	-	-	1	-	-	-	1	-	-	1	1	3
St. George-the-Martyr *HHHHH*	20521	16	9	2	1	-	-	-	-	-	-	-	-	-	-	-	1
St. Andrew Eastern *W*	13529	10	18	1	5	-	-	1	-	-	-	-	-	-	-	1	6
Saffron Hill *H*	9066	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell *W*	18917	13	8	2	3	-	-	-	-	-	1	-	-	-	-	1	4
Amwell Clerkenwell	16884	15	9	2	2	-	2	-	-	-	-	-	-	-	1	3	-
Pentonville	13337	10	7	2	1	-	1	-	-	-	-	-	-	-	1	1	-
Goswell-street	16242	16	12	3	2	-	-	-	-	-	-	-	-	-	-	1	-
Old-street *H*	12161	10	9	2	2	-	-	1	-	1	-	-	-	-	1	1	-
City-road *HHL*	18301	23	6	2	2	-	-	-	-	-	-	-	-	-	-	1	-
Whitecross-street	13792	7	4	3	1	-	-	-	-	-	-	-	-	-	1	2	-
Finsbury	10741	6	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph East London *H*	14540	10	6	-	2	-	-	-	-	1	-	-	-	-	-	-	-
Cripplegate	13638	6	5	2	2	-	-	-	-	-	-	-	-	-	1	1	-
St. Sepulchre *H*	7562	2	21	1	4	-	-	1	1	-	-	-	-	-	6	6	18
St. Bride *W*	11185	3	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard	4426	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch	6270	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe	4753	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking	5764	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad-street *H*	7845	5	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: *W*—Workhouse; *H*—Hospital; —Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at the foot of next page.

FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT Saturday, 19th January 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
Holywell Shoreditch	12430	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch *HL*†	16545	12	5	-	1	-	-	-	-	1	-	-	-	-	-	1	1
Hoxton New Town *w*	27835	34	26	3	15	-	-	1	-	-	-	-	-	-	2	2	10
Hoxton Old Town	26933	19	12	7	1	-	-	-	-	-	-	-	-	-	-	-	-
Haggerston* *WH*	43421	40	22	4	7	-	2	1	-	-	-	1	-	-	-	1	5
Hackney-road *H*	29822	25	12	5	-	-	-	-	-	-	-	-	-	-	2	3	1
Green, Bethnal Green *WHL*†	42433	43	40	7	18	1	1	-	-	1	-	-	-	-	2	4	16
Church, Bethnal Green	26577	20	10	3	-	-	-	-	-	1	-	-	-	-	-	1	-
Town, Bethnal Green	21272	18	8	3	1	-	-	-	-	-	-	-	-	-	1	1	-
Spitalfields *H*	22499	15	10	2	-	-	-	-	-	1	-	-	-	-	-	-	-
Mile End New Town *W*	15550	7	22	3	4	-	-	-	-	-	-	-	1	-	-	2	10
Whitechapel North	11597	4	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Whitechapel Church *H*	7322	5	17	1	2	-	-	2	-	-	-	-	-	-	-	-	14
Goodman's Fields	10381	8	5	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Aldgate	9224	5	7	1	1	-	1	-	-	-	-	-	-	-	1	1	-
St. Mary St. George East	17900	19	9	3	1	-	1	-	-	1	-	-	-	-	-	-	-
St. Paul St. George East	21350	18	9	1	3	-	1	-	-	-	-	-	-	-	-	2	-
St. John St. George East *W*	8802	3	6	1	2	-	-	-	-	-	-	-	-	-	-	-	2
Shadwell *H*	11640	8	9	2	2	-	-	-	-	1	-	-	-	-	-	1	2
Ratcliff	16131	10	6	4	2	-	-	1	-	-	-	-	-	-	-	-	-
Limehouse	29919	22	18	3	4	1	1	-	-	2	-	-	-	-	-	-	-
Mile End Old Town Western	38128	40	12	3	1	2	-	1	-	2	-	-	-	-	1	1	-
Mile End Old Town Eastern *WwwH*	55024	51	39	6	9	3	9	-	-	1	-	-	-	-	1	-	4
Bow *wwwH*	67765	69	66	15	17	-	9	4	-	3	-	-	-	-	1	4	14
Poplar *WW*	48611	39	20	4	6	-	-	1	-	-	-	-	-	-	1	2	2
SOUTH DISTRICTS.																	
Christchurch Southwark *WH*	14573	9	11	2	4	-	-	-	-	-	-	-	-	-	-	-	4
St. Saviour Southwark *H*	15677	6	6	3	1	-	1	-	-	1	-	-	-	-	-	-	-
Kent-road	20421	11	14	3	3	-	-	1	-	2	-	-	-	-	-	1	-
Borough-road *WH*	16695	13	10	-	2	-	-	-	-	1	-	-	-	-	-	1	4
London-road *HL*	18961	14	15	3	3	-	-	-	-	1	-	-	-	-	2	2	1
Trinity Newington	23682	21	12	3	3	-	1	-	-	2	-	1	-	-	-	-	-
St. Peter Walworth *W*	48248	52	39	9	18	-	-	-	-	3	-	-	-	-	1	1	19
St. Mary Newington	16792	14	9	3	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Olave Southwark *H*	4373	-	14	-	3	-	-	-	-	-	-	-	-	-	4	4	12
St. John Horsleydown *W*	10500	3	3	2	-	-	-	-	-	-	-	-	-	1	-	-	-
Leather Market	16787	18	9	5	-	-	-	-	-	1	-	-	-	-	-	-	-
St. Mary Magdalen *W*	15709	12	22	7	5	-	-	-	-	5	-	-	-	-	-	2	8
St. James Bermondsey	47933	46	29	9	4	-	4	-	-	7	-	-	-	-	1	2	-
Rotherhithe *W*	27096	18	18	4	3	-	1	-	-	6	-	-	-	-	1	1	1
Waterloo-road 1st *H*	14074	11	6	2	-	-	-	-	-	-	-	-	-	1	1	1	1
Waterloo-road 2nd *H*	18465	10	6	3	2	-	-	-	-	-	-	-	-	-	-	-	-
Lambeth Church 1st *H*	19492	15	18	5	2	-	1	-	-	-	-	1	-	-	6	6	11
Lambeth Church 2nd *WW*	35833	34	20	5	5	-	1	-	-	2	-	-	-	-	-	-	6
Kennington 1st	41286	38	19	5	5	-	1	-	-	2	-	1	-	-	-	-	-
Kennington 2nd	31221	16	15	-	4	-	2	1	-	2	-	-	-	-	-	-	-
Brixton *w*	35435	35	28	5	3	8	2	-	-	1	2	-	-	-	-	1	10
Norwood *W*	12536	14	10	3	2	-	-	-	-	1	-	-	-	-	-	-	-
Clapham *H*	27347	18	12	5	1	1	1	-	-	1	-	-	-	-	-	-	-
Battersea *Ww*	54016	81	32	10	2	-	-	-	-	-	-	1	-	1	-	1	4
Wandsworth *HL*	19783	13	13	-	5	-	-	-	-	-	-	-	-	-	-	-	7
Putney	9439	4	6	1	2	-	-	-	-	-	-	-	-	1	-	-	-
Streatham	14475	8	9	2	3	-	-	-	-	-	-	-	-	-	1	1	-
Dulwich	4041	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Camberwell *WL*†*L*†	31254	22	21	7	5	1	2	-	1	1	-	-	-	-	-	-	6
Peckham *W*	42160	44	21	6	1	-	1	1	-	2	-	-	-	-	-	-	-
St. George Camberwell	33851	44	31	6	7	2	2	-	-	2	-	-	-	-	1	2	-
St. Paul Deptford *w*	53714	44	36	14	5	-	2	-	-	5	-	-	-	-	2	4	-
St. Nicholas Deptford	6474	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Greenwich West	21034	9	9	3	3	-	4	-	-	-	-	-	-	-	-	-	-
Greenwich East *WH*	19378	15	17	1	7	-	2	-	-	-	-	-	-	-	-	1	14
Eltham *H*	4539	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lee	16440	8	6	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Lewisham Village *WH*	11513	8	9	1	1	-	1	1	-	-	-	-	-	-	1	1	1
Sydenham *H*	19065	16	10	7	-	-	-	1	-	-	-	-	-	-	-	-	-
Charlton *H*	9564	10	7	1	3	-	1	-	-	-	-	-	-	-	-	-	1
Woolwich Dockyard	17226	6	7	4	-	-	2	-	-	2	-	-	-	-	-	-	-
Woolwich Arsenal *WHH*	18331	14	8	2	1	-	-	-	-	-	-	-	-	1	-	-	-
Plumstead West	13027	9	4	2	1	-	-	-	-	-	-	-	-	-	-	1	-
Plumstead East *W*	15232	14	17	2	5	-	1	-	-	-	-	-	-	-	1	1	7

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the above Table by *w*:—

Central London Sick Asylum in Tottenham-court sub-district.
" " " Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary " " "
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.
London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

* The two sub-districts of Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston sub-district.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 19th January 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
	LONDON—OUTER RING	368,414	631,381	502	330	64	108	12	8	6	2	2	3	4	7	10	51
29 : 1	Carshalton *wL* - - -	12228	13523	5	18	4	8	-	-	-	-	-	-	-	1	1	9
2	Epsom (*part of*) * *WH* -	9971	9145	2	2	1	-	-	-	-	-	1	-	-	-	-	-
36 : 1	Godstone (*part of*) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	46	31	9	9	1	1	-	1	-	-	-	1	1	7
2	Mitcham *WH* - - -	11697	12534	12	8	2	2	-	-	-	-	-	1	-	-	-	-
38 : 1	Wimbledon *HH* - - -	3220	9087	12	4	-	1	-	-	1	-	-	-	-	-	2	-
2	Kingston *WH* - - -	8549	27489	19	12	-	4	-	1	-	-	-	-	-	-	-	1
3	Esher (*part of*) * - -	6601	7353	7	8	3	2	-	-	-	-	-	-	-	1	1	-
4	Hampton - - - -	4573	10185	9	6	-	-	-	2	-	-	-	-	-	-	-	-
39 : 1	Richmond *WH* - - -	2271	16829	12	7	1	2	-	-	-	-	-	-	-	-	-	1
2	Mortlake - - - -	2961	9316	4	5	-	4	-	-	-	-	-	-	1	-	-	-
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	11	10	3	3	-	-	-	-	-	1	1	-	-	-
2	Chislehurst (*part of*) * *W* -	13665	10028	6	4	1	1	-	-	-	-	-	-	-	-	-	-
41 : 1	Bexley *H* - - - -	13439	19566	16	7	2	4	-	-	-	-	-	-	-	-	-	-
123 : 1	Sunbury *W* - - -	11055	9860	8	1	-	-	-	-	-	-	-	-	-	-	-	-
2	Staines *W* - - - -	13277	10339	6	1	1	-	-	-	-	-	-	-	-	-	-	-
124 : 1	Hillingdon *WH* - - -	6029	9712	5	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Uxbridge - - - -	6178	5329	1	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Hayes *WL* - - - -	14587	10497	3	9	1	2	-	-	-	-	-	-	-	-	-	7
125 : 1	Isleworth *W* - - -	7008	19930	8	10	-	6	-	-	-	-	-	-	-	-	-	3
2	Twickenham - - -	2477	10533	7	3	2	-	-	-	-	-	-	-	-	-	-	-
3	Brentford *HL* - - -	4370	20279	12	5	1	1	-	-	1	-	-	-	-	1	1	-
4	Chiswick - - - -	1311	8508	5	5	1	1	-	-	-	-	-	-	-	1	1	-
5	Acton *WH* - - - -	6087	12683	14	3	-	1	-	-	1	-	-	-	-	-	-	-
126 : 1	Harrow *H* - - - -	13809	10869	5	4	-	2	-	-	-	-	-	-	1	-	1	-
2	Edgware *H* - - -	6994	3450	4	1	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	20	6	3	2	2	-	-	-	-	-	-	-	-	-
4	Hendon *WH* - - -	8382	6972	1	2	-	-	-	-	-	-	-	-	-	-	-	1
127 : 1	South Mimms - - -	15419	5924	1	7	2	2	-	1	-	-	-	-	-	-	-	-
2	Barnet *W* - - - -	5423	7752	6	4	-	2	-	-	-	-	-	-	-	-	-	-
3	Finchley *L* - - - -	4688	11493	5	9	-	1	-	-	-	-	-	-	-	-	-	6
128 : 1	Hornsey *H* - - - -	3039	19357	28	7	1	2	-	1	-	-	-	-	-	-	-	-
2	Tottenham *H* - - -	4642	22869	26	17	6	5	-	-	-	-	-	-	-	-	-	1
3	Edmonton *WW* - - -	7483	13860	16	12	1	4	-	-	-	-	-	1	-	-	-	3
4	Enfield *WH* - - -	12653	16054	4	4	1	2	-	-	-	-	-	-	-	-	-	-
5	Waltham Abbey - - -	11017	5197	2	5	-	2	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	1	4	1	2	-	-	-	-	-	-	-	-	-	-
134 : 1	Hatfield (*part of*) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	4	4	2	1	-	-	-	-	-	-	-	-	-	-
185 : 1	Stratford - - - -	882	23286	33	14	2	6	-	-	1	1	-	-	-	1	1	-
2	West Ham *WWWW* - -	7345	44642	71	36	11	5	9	1	-	-	-	-	-	1	1	8
3	Leyton *WW* - - -	4274	15513	9	8	1	6	-	-	-	-	-	-	-	-	-	4
4	Walthamstow *H* - -	6619	15701	15	13	1	5	-	-	1	-	1	-	-	-	-	-
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	5	5	-	4	-	-	1	-	-	-	1	-	-	-
188 :	Romford (*part of*) * - -	6730	2879	6	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford - - - - -	8492	5947	1	2	-	1	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	9	7	-	3	-	1	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:—29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903); 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoidon-Bois (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 19th January 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	
GREATER LONDON	446,494	4,450,015	26·2	3·8	2233	480	555	63	85	41	7	96	24	12	78	409
INNER LONDON -	78,080	3,577,304	27·8	4·2	1903	416	447	51	77	35	5	94	21	8	71	358
OUTER RING -	368,414	872,711	19·7	2·2	330	64	108	12	8	6	2	2	3	4	7	51

NOTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 697·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,566,865 Persons.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	December 15	–	447	54·3	Fevers 139; cholera 23; small-pox 4.
BOMBAY - -	644,405	„ 18	–	539	43·5	Measles 48; rem. fev. 188.
MADRAS - -	397,552	November 23	320	746	97·5	Sm.-pox 34; dysent. 197.
		„ 30	310	743	97·2	Sm.-pox 28; dysent. 187.
PARIS - - -	1,988,806	January 17	–	1009	26·4	Typhoid fever 11; diphtheria 34; croup 20.
GENEVA - -	68,792	„ 12	45	39	29·6	Typhus and typhoid fever 3.
BRUSSELS - -	175,782	„ 12	108	107	31·8	Typhoid fever 2.
AMSTERDAM -	289,981	„ 5	203	196	34·4	Whooping-cough 8.
ROTTERDAM -	142,585	„ 5	109	88	32·0	—
THE HAGUE -	107,896	„ 5	80	77	37·1	—
COPENHAGEN -	220,000	„ 8	194	107	25·4	Croup 3.
STOCKHOLM -	146,845	„ 5	–	64	22·7	Scarlet fever 5.
CHRISTIANIA -	81,000	„ 5	78	32	20·6	—
		„ 12	80	31	20·0	—
ST. PETERSBURGH	669,741	December 29	–	590	45·8	Small-pox 6; typhus and typhoid fever 84.
BERLIN - -	1,019,291	„ 29	863	547	28·2	Scarlet fever 20; diphtheria 27.
HAMBURG (State)	393,588	January 5	300	224	29·7	Whooping-cough 10.
DRESDEN - -	207,845	December 29	148	114	28·9	Scarlet fev. 5; whooping-cough 5.
		January 5	151	85	21·2	Scarlet fever 6; croup 6.
BRESLAU - -	267,000	„ 12	219	129	25·1	Scarlet fever 3.
MUNICH - -	220,000	„ 12	194	135	32·0	Small-pox 2; diphtheria and croup 4.
VIENNA - -	727,271	„ 12	497	445	31·8	Small-pox 10; diphtheria 24.
BUDA-PESTH -	319,530	„ 12	–	–	–	—
ROME - - -	280,564	December 1	–	–	–	—
NAPLES - -	454,948	„ 16	–	268	30·7	Diphtheria 4; croup 3.
TURIN - -	223,488	„ 29	154	159	37·1	Diphtheria and croup 6.
VENICE - -	139,796	January 12	63	81	30·2	—
ALEXANDRIA -	212,034	„ 3	194	212	52·2	Whooping-cough 8.
		„ 10	217	195	48·0	Whooping-cough 10; diphtheria 3.
NEW YORK -	1,084,528	December 22	–	402	19·4	Diphtheria 32; scarlet fever 15.
BROOKLYN -	527,830	„ 22	–	167	16·5	Scarlet fever 16; diphtheria 9.
PHILADELPHIA	850,856	„ 29	–	315	19·3	Scar. fev. 21; diphth. 28; typhoid fever 10.
BOSTON - -	363,000	„ 22	–	112	16·0	Diphtheria 6; typhoid fever 3.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 19th JANUARY, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1877–8 Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. High-est.	Low-est.	Range in day.	Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Great-est.	Least.	Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	P.M.	Pressure on square foot. Great-est.	Least.	Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
JANUARY.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN.	13	..	30·390	44·8	36·2	8·6	41·4	35·9	56·9	32·6	40·5	38·1	5·5	7·8	1·8	+ 5·0	81	SW.	WSW.	3·3	0·0	0·7	413	+110	0·00	0·0
MON.	14	..	30·176	50·7	42·8	7·9	47·4	42·1	59·7	40·7	39·3	36·8	5·3	7·8	4·2	+10·9	82	WSW.	WSW.	7·5	0·1	2·1	569	+262	0·00	6·0
TUES.	15	..	30·115	54·2	43·5	10·7	48·8	44·6	65·3	40·5	39·8	37·5	4·2	7·6	2·4	+12·2	86	WSW.	W. & WSW.	1·6	0·0	0·3	373	+ 58	0·02	0·0
WED.	16	Greatest Dec. N.	30·057	51·1	41·7	9·4	47·1	41·4	78·8	38·9	40·7	38·3	5·7	8·8	0·2	+10·4	81	WSW.	W. WNW. & NNW.	9·4	0·0	1·1	491	+168	0·00	0·0
THURS	17	..	30·239	46·6	35·7	10·9	41·5	35·8	62·2	29·7	41·3	39·3	5·7	8·6	1·2	+ 4·7	80	NNW.	NNW. & N.	2·9	0·0	0·2	242	— 87	0·00	0·0
FRI.	18	..	30·328	42·1	28·0	14·1	34·5	31·3	56·3	23·2	42·3	40·3	3·2	7·9	0·0	— 2·4	88	N. & NE.	Calm.	0·0	0·0	0·0	37	—297	0·00	0·0
SAT.	19	Full	30·289	45·5	29·8	15·7	39·4	35·5	55·0	24·9	42·5	40·3	3·9	7·4	1·7	+ 2·4	86	Calm.	SW. & SSW.	0·3	0·0	0·0	140	—198	0·00	2·2
MEANS		..	30·228	47·9	36·8	11·0	42·9	38·1	62·0	32·9	40·9	38·7	4·8	8·0	1·6	+ 6·2	83	WSW. & NNW.		..	..	..	Sum 2265	Sum + 16	Sum 0·02	1·2
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. JANUARY.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY	13	The electrical apparatus was not in action throughout the week.	0·0	8·2	Overcast. A little rain in afternoon.
MONDAY	14		0·0	8·2	Overcast. Slight rain at times.
TUESDAY	15		0·0	8·3	Overcast generally. Rain in morning.
WEDNESDAY	16		1·1	8·3	Generally cloudy.
THURSDAY	17		2·1	8·3	Fine. Very little cloud in morning, but the sky was hazy; cloudy in afternoon and evening.
FRIDAY	18		3·0	8·4	Hoar frost in morning. Fog prevailed throughout the day, except for three hours about midday.
SATURDAY	19		0·3	8·4	Overcast generally. Hoar frost in morning. Fog prevailed at times.
...		..	Sum 6·5	Sum 58·1	
No. of Col.		28	29	30	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and — "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 30·47 in. at the beginning of the week to 30·02 in. by 3h. P.M. on the 16th; increased to 30·34 in. by 9h. P.M. on the 18th; and decreased to 30·25 in. by the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
28th January, 1878.

United Kingdom.

During last week 5669 *births* and 4017 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The natural increase of population was 1652. The mortality from all causes was at the average rate of 25 deaths annually in every 1000 persons living. The annual death-rate was 24 per 1000 in Edinburgh, 27 in Glasgow, and 29 in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Portsmouth 15, Hull 16, Leicester 17, Nottingham 17, Oldham 17, Bradford 19, Bristol 19, Salford 21, Leeds 21, Norwich 21, Sunderland 21, Sheffield 23, Wolverhampton 24, Birmingham 24, Newcastle 24, Manchester 26, and the highest rate 27 in Brighton, Plymouth, Liverpool, and London. The annual death-rate from the seven principal zymotic diseases averaged 3·7 per 1000 in the twenty towns, and ranged from 0·4 and 1·2 in Hull and Norwich, to 5·5 and 7·8 in Brighton and Plymouth; whooping-cough was the most fatal zymotic disease in Brighton and Plymouth. Measles caused four more deaths in the Manchester Workhouse at Crumpsall, making 9 since the commencement of the year, in addition to 42 fatal cases during 1877. The deaths from small-pox in London declined to 34, and no death was referred to this disease in any of the nineteen provincial towns.

London.

In London 2430 births and 1864 deaths were registered. Allowing for increase of population, the births were 179 below, while the deaths exceeded by 218, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 25·7 and 27·8, was last week 27·2. During the past four weeks of the current quarter the metropolitan death-rate has averaged 27·1 per 1000, against 21·4 in the corresponding period of last year; in the nineteen provincial towns the rate in the past four weeks did not average more than 24·1 per 1000.

The 1864 deaths included 34 from small-pox, 63 from measles, 39 from scarlet fever, 6 from diphtheria, 117 from whooping-cough, 32 from different forms of fever, and 13 from diarrhœa; thus to the seven principal diseases of the zymotic class 304 deaths were referred, against 299 and 291 in the two preceding weeks. Whooping-cough is just now the prevailing epidemic disease in London, and caused 117 deaths last week, against 69 and 94 in the two preceding weeks; 52 occurred in the South, 27 in the North, and 18 in the East groups of districts, including 12 in Bermondsey, 7 in Newington, 10 in Lambeth, 7 in Camberwell, 7 in Pancras, 14 in Islington, and 7 in Bow. The fatal cases of measles, on the other hand, further declined to 63, from numbers which had decreased from 109 to 77 in the four preceding weeks; 4 were, however, returned in Islington, 6 in Mile End Old Town, and 6 in Camberwell. The 39 deaths from scarlet fever included 5 in Paddington, 6 in Islington, and 4 in Shoreditch. The deaths referred to fever, which had been 33 and 21 in the two preceding weeks, rose again last week to 32, and were but 2 below the corrected average; 3 were fatal cases of typhus, 23 of enteric or typhoid, and 6 of simple continued fever. The three deceased typhus patients had resided:—at 24, Edenham Street, Kensington; at 3, Mills Street, St. Olave, Southwark; and the third (whose death was certified as cerebro-spinal fever) at 46, Doddington Grove, Battersea. Three fatal cases of enteric fever belonged to Hackney, 2 to Islington, 3 to the City, and 2 to Lambeth.

The deaths from small-pox, which had been 26, 35, and 51 in the three preceding weeks, declined to 34 last week; 18 occurred in the Metropolitan Asylum Hospitals, one in the Highgate Small-pox Hospital, and 15 in private dwelling-houses. Five of the deceased small-pox patients had resided in Lambeth, 4 in

Hackney, 3 in Fulham, 3 in Stepney, 3 in Mile End Old Town, and 3 in Poplar and Bow. The 15 deaths from small-pox in private dwelling-houses included 3 in Hackney, 7 in the East group of districts, and 2 in Brixton. Of the 34 fatal small-pox cases in the metropolis, 13 were certified as unvaccinated and 11 as vaccinated, while in the remaining 10 cases the medical certificates gave no information as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which at the beginning of October last had declined to 137, has since steadily increased to 415, 468, and 505 at the end of the last three weeks; 126 new cases were admitted during last week, against 124 and 129 in the two preceding weeks. The Highgate Small-pox Hospital contained 55 patients on Saturday last; in the four preceding weeks the numbers had steadily increased from 26 to 47.

The deaths referred to diseases of the respiratory organs, which had been 464 and 541 in the two previous weeks, declined again to 455 last week, but exceeded the corrected weekly average by 62; 307 resulted from bronchitis, and 91 from pneumonia.

Different forms of violence caused 56 deaths; 50 were the result of negligence or accident, including 23 from fractures and contusions, 8 from burns and scalds, 6 from drowning, and 10 of infants under one year of age from suffocation. The 23 deaths from fractures and contusions were thus caused:—female 53, males 6 and 14, run over by vans; male 48, run over by a tram-car; male 34, run over on railway; male 50, run over on railway at London Bridge; male 50, run over on London and Brighton Railway; females 58, 73, 84, and 72, males 77 and 45, fell down stairs; female 1, fell from nurse's arms; males 37, 42, and 31, female 1, by falls (nature of falls not stated); male 14, by fracture of ribs; male 20, by injury to foot; male 55, crushed by machinery; female 77 and male 34, by fracture of thigh. An inquest was held in each of these 23 cases, except the two last, which were certified by registered medical practitioners.

The wife of a mariner, aged 30 years, died suddenly in a waiting room at Charing Cross Railway Station on 23rd instant, and the body was taken to Charing Cross Hospital. The Coroner having jurisdiction declined to hold an inquest, and no medical certificate of the cause of death could be obtained. The cause of death was entered in the Death-register as phthisis, on the information of the ordinary informant.

Greater London.

In Greater London 2958 births and 2139 deaths were registered, equal to annual rates of 34·7 and 25·1 per 1000 of the population. In the Outer Ring, 4 fatal cases of small-pox were recorded in West Ham, and one each in Walthamstow, Edmonton, Chiswick, and Croydon sub-districts. In Croydon were also returned 4 deaths from measles, 2 from diphtheria, and one from whooping-cough.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 60, Bombay 41, Madras 89; Paris 28; Geneva 29; Brussels 31; Amsterdam 27, Rotterdam 30, The Hague 28; Copenhagen 17; Stockholm 24; Christiania 15; St. Petersburgh 46; Berlin 25, Hamburg 33, Dresden 22, Munich 31; Vienna 32; Buda-Pesth 44, Rome 33, Naples 32, Turin 38, Venice 42; Alexandria 39; New York 23, Brooklyn 20, Philadelphia 19, and Boston 22.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·70 in.; the highest reading was 30·25 in. at the beginning of the week, and the lowest 29·18 in. on Friday morning. The mean temperature of the *air* was 42°·3, and 4°·8 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed an excess on each of the first five days of the week, while it was below the average on Friday and Saturday; on Tuesday the mean was 51°·6, and showed an excess of 14°·2, and on Friday it fell to 32°·2, and was 5°·6 below the average. The lowest night temperature was 29°·4 on Friday, and the highest day temperature in the shade 54°·8 on Monday and Tuesday; the extreme range in the week was, therefore, 25°·4. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 71°·9 on Wednesday. The difference between the mean *dew-point* and *air* temperature averaged 5°·8. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 43°·0. The mean degree of *humidity* of the air was 80, complete saturation being represented by 100; the air was therefore dry. The general direction of the *wind* was South-west, and the horizontal movement of the air averaged 23·0 miles per hour, which was 8·8 above the average in the corresponding week of 16 years. *Rain* fell on two days of the week, to the aggregate amount of 0·11 of an inch. The duration of registered sunshine in the week was 11·6 hours, the sun being above the horizon during 60·4 hours; the recorded duration of sunshine was, therefore, equal to 19·2 per cent. of its possible duration.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 26th January 1878.

CITIES AND BOROUGHS. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 26th January 1878.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
In 23 TOWNS in the UNITED KINGDOM	220,845	8,373,953	37·9	5669	4017	56·5	17·5	40·7	4·83	0·84	2·13
LONDON	75,362	3,577,304	47·5	2430	1864	54·8	23·4	42·3	5·73	0·11	0·28
BRIGHTON	2,354	103,923	44·1	79	53	50·2	28·4	41·0	5·00	0·34	0·86
PORTSMOUTH	4,486	129,461	28·9	77	38	–	–	–	–	–	–
NORWICH	7,472	84,620	11·3	52	34	56·5	27·0	40·8	4·89	0·35	0·89
PLYMOUTH	1,395	73,599	52·8	40	38	54·0	34·0	45·5	7·50	0·75	1·90
BRISTOL	4,452	206,419	46·4	134	76	54·3	31·0	43·2	6·22	0·52	1·32
WOLVERHAMPTON	3,396	74,240	21·9	41	34	54·5	25·7	40·6	4·78	0·43	1·09
BIRMINGHAM	8,400	383,117	45·6	285	178	–	–	–	–	–	–
LEICESTER	3,200	121,473	38·0	104	39	55·8	27·8	41·4	5·22	0·42	1·07
NOTTINGHAM	9,960	165,267	16·6	100	55	55·7	26·1	41·5	5·28	0·64	1·63
LIVERPOOL	5,210	532,681	102·2	361	276	55·7	27·0	40·7	4·83	0·57	1·45
MANCHESTER	4,293	360,514	84·0	247	182	52·0	25·0	38·7	3·72	0·83	2·11
SALFORD	5,170	170,251	32·9	122	68	55·4	25·0	39·5	4·17	0·88	2·24
OLDHAM	4,666	107,366	23·0	81	36	–	–	–	–	–	–
BRADFORD	7,220	185,088	25·6	107	66	53·7	25·0	39·9	4·39	1·73	4·39
LEEDS	21,572	304,948	14·1	213	123	56·0	27·0	41·1	5·06	1·10	2·79
SHEFFIELD	19,651	289,537	14·7	193	130	56·1	25·5	41·5	5·28	0·55	1·40
HULL	3,635	143,139	39·4	116	44	56·0	23·0	38·8	3·78	0·89	2·26
SUNDERLAND	3,306	112,459	34·0	74	46	–	–	–	–	–	–
NEWCASTLE-ON-TYNE	5,371	144,570	26·9	104	67	–	–	–	–	–	–
EDINBURGH	4,191	222,371	53·1	124	103	52·4	17·5	35·7	2·06	2·42	6·15
GLASGOW	6,033	566,940	94·0	409	290	51·0	24·0	39·0	3·89	2·05	5·21
DUBLIN	10,050	314,666	31·3	176	177	56·5	29·6	40·6	4·78	0·56	1·42

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.

† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday the 26th January 1878.

BOROUGHS, &c. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
				Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.		
In 20 TOWNS	24·7	3·7	3447	801	730	34	95	85	13	193	57	33	99	181	546
LONDON	27·2	4·4	1864	409	427	34	63	39	6	117	32	13	56	97	336
BRIGHTON	26·6	5·5	53	10	19	–	1	–	1	9	–	–	1	–	12
PORTSMOUTH	15·3	2·0	38	8	9	–	–	1	–	3	–	1	–	–	5
NORWICH	21·0	1·2	34	12	13	–	1	1	–	–	–	–	2	6	2
PLYMOUTH	26·9	7·8	38	6	7	–	2	2	–	4	2	1	1	1	4
BRISTOL	19·2	2·0	76	15	20	–	2	2	–	4	–	–	3	7	9
WOLVERHAMPTON	23·9	2·8	34	9	3	–	–	2	–	2	–	–	–	–	3
BIRMINGHAM	24·2	3·0	178	56	33	–	1	6	–	12	–	3	10	17	22
LEICESTER	16·8	1·3	39	11	13	–	1	–	–	2	–	–	–	1	4
NOTTINGHAM	17·4	1·6	55	16	12	–	–	1	–	3	1	–	2	6	7
LIVERPOOL	27·0	3·6	276	67	39	–	8	3	1	16	4	5	14	16	49
MANCHESTER	26·3	3·6	182	39	34	–	8	8	1	3	4	1	5	14	37
SALFORD	20·8	3·1	68	17	8	–	–	4	–	2	2	2	–	1	7
OLDHAM	17·5	3·4	36	8	4	–	2	1	–	3	1	–	–	–	2
BRADFORD	18·6	2·8	66	19	8	–	1	3	2	3	1	–	–	3	5
LEEDS	21·0	2·6	123	35	23	–	3	1	1	5	4	1	2	5	11
SHEFFIELD	23·4	2·5	130	25	28	–	1	7	–	–	3	3	2	4	12
HULL	16·0	0·4	44	7	10	–	–	–	–	–	1	–	1	1	5
SUNDERLAND	21·3	4·6	46	17	10	–	–	3	1	4	–	2	–	–	6
NEWCASTLE-ON-TYNE	24·2	2·2	67	15	10	–	1	1	–	1	2	1	–	2	8
DUBLIN	29·3	2·7	177	29	44	4	3	3	1	2	3	–	4	9	51

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the FOURTH Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2323	2260	2359	2318	2317	2404	2532	2567	2733	2572	2438·5	2430
Males . .	1157	1153	1200	1183	1182	1222	1281	1342	1412	1299	1243·1	1245
Females .	1166	1107	1159	1135	1135	1182	1251	1225	1321	1273	1195·4	1185
TOTAL **Deaths**	1395	1737	1613	1632	1602	1247	1449	1650	1637	1425	1538·7	1864
Males . .	717	874	808	824	814	654	732	821	794	729	776·7	951
Females .	678	863	805	808	788	593	717	829	843	696	762·0	913

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868-77 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Nov. 3.	Nov. 10.	Nov. 17.	Nov. 24.	Dec. 1.	Dec. 8.	Dec. 15.	Dec. 22.	Dec. 29.	Jan. 5.	Jan. 12.	Jan. 19.	Jan. 26.
TOTAL **Deaths** - - -	1447	1448	1435	1571	1579	1547	1613	1761	1757	1892	1760	1903	1864
0—20 - -	727	742	750	815	804	816	786	944	868	911	867	918	899
20—40 - -	216	190	192	209	219	183	218	205	217	244	230	240	203
40—60 - -	227	238	242	250	248	265	241	273	274	317	288	298	335
60—80 - -	231	233	215	253	267	238	307	282	331	345	309	373	359
at 80 years & upwds.	46	45	36	44	41	45	61	57	67	75	66	74	68
Deaths of children: Under 1 year -	342	337	323	381	375	391	359	417	398	436	380	416	409
Deaths of children: 1—5 - -	268	295	314	312	320	316	302	400	367	378	363	397	365
Deaths of children: 5—20 - -	117	110	113	122	109	109	125	127	103	97	124	105	125
Deaths from 7 principal Zymotic Diseases	229	229	223	258	248	234	248	301	311	292	299	291	304
" " Smallpox - -	9	25	14	27	31	25	31	31	29	26	35	51	34
" " Measles - -	47	62	66	82	81	76	92	102	109	104	97	77	63
" " Scarlet Fever -	82	67	61	55	52	46	54	46	31	31	39	35	39
" " Diphtheria -	9	6	8	11	5	5	10	3	12	5	9	5	6
" " Whooping-cough	24	15	23	32	27	36	25	64	82	89	69	94	117
" " Typhus fever -	4	1	2	5	1	5	3	6	7	1	7	4	3
" " Enteric (or Typhoid) fever -	31	35	26	29	30	21	20	27	23	23	19	15	23
" " Simple Cont^d fever	4	6	–	4	5	1	3	8	6	4	7	2	6
" " Diarrhœa - -	19	12	23	13	16	19	10	14	12	9	17	8	13
" " Simple Cholera -	–	–	–	–	–	–	–	–	–	1	–	–	–
" " Dis. of Respiratory Organs -	335	338	313	409	417	397	415	487	467	535	464	541	455
" " Phthisis - -	158	140	150	163	128	133	151	170	158	167	177	168	174
" " Heart Diseases -	91	81	87	93	115	91	96	91	94	99	100	103	121
Violent Deaths - - -	46	40	53	43	45	48	55	44	50	67	65	71	56
Inquest Cases - - -	94	77	96	86	77	93	91	88	94	136	134	137	97
Deaths in Public Institutions	259	269	257	248	267	268	297	310	306	301	302	358	336
TEMPERATURE OF THE AIR:													
Mean - - - -	49·1°	51·0°	45·6°	42·8°	41·9°	43·4°	39·0°	41·8°	37·8°	43·9°	36·9°	42·9°	42·3°
Mean of Highest readings -	56·7	57·1	52·0	48·9	47·2	47·8	45·1	45·4	43·2	47·1	41·1	47·9	46·7
Mean of Lowest readings -	42·1	45·1	38·8	36·3	36·6	38·3	32·5	38·1	32·1	39·7	32·5	36·8	37·5
Mean Temperature of the Water of the Thames -	50·7	50·6	49·2	45·5	43·0	42·2	42·4	40·9	40·7	40·6	41·9	39·8	43·0
Humidity of the Air - -	80	86	88	84	86	90	87	91	79	91	82	83	80
Rain-fall in inches - -	0·04	0·72	0·83	1·12	1·07	0·49	0·18	0·03	0·55	0·48	0·02	0·02	0·11
Registered Sunshine (in hours)	19·2	12·7	10·9	11·9	12·3	4·5	6·0	1·5	12·2	3·5	8·1	6·5	11·6

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FOURTH Week of the Year 1878.

CAUSES OF DEATH.	Average in the Fourth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, January 26, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature -	38°·5	Mean Tem. 42°·3							
ALL CAUSES - -	1538·7	1864	409	365	125	203	335	359	68
SPECIFIED CAUSES	1532·1	1858	406	364	125	203	335	357	68
I. ZYMOTIC.									
ORDER 1.									
1. Small-pox - - -	37·2	34	4	4	14	11	-	1	-
2. Measles - - -	29·5	63	12	46	4	1	-	-	-
3. Scarlet Fever - -	46·5	39	2	19	16	2	-	-	-
4. Diphtheria - -	6·2	6	-	4	2	-	-	-	-
5. Quinsy - - -	1·0	1	1	-	-	-	-	-	-
6. Croup - - -	13·5	9	1	6	2	-	-	-	-
7. Whooping-cough -	62·6	117	39	74	4	-	-	-	-
8. Typhus - - -	31·5 (Enteric or Typhoid Fev.)	3	-	-	1	2	-	-	-
— Enteric or Typhoid Fev.		23	-	4	6	7	4	2	-
— Simple continued Fev.		6	-	1	1	1	-	3	-
9. Erysipelas - -	8·9	7	-	-	1	-	2	3	1
10. Puerperal Fev. (Metria)	7·2	7	-	-	-	7	-	-	-
11. Carbuncle - -	·5	1	-	-	-	-	1	-	-
12. Influenza - - -	1·2	1	-	-	-	-	1	-	-
13. Dysentery - -	·8	-	-	-	-	-	-	-	-
14. Diarrhœa - - -	12·7	13	8	1	1	-	1	2	-
15. Simple Cholera - -	·2	-	-	-	-	-	-	-	-
16. Ague - - - -	·6	-	-	-	-	-	-	-	-
17. Remittent Fever -	·7	-	-	-	-	-	-	-	-
18. Rheumatism - -	10·8	8	-	-	1	-	3	4	-
19. Other *Zymotic* Diseases	1·1	-	-	-	-	-	-	-	-
ORDER 2.									
1. Syphilis - - -	7·9	8	4	-	-	3	1	-	-
2. Stricture of Urethra -	1·5	1	-	-	-	-	-	1	-
3. Hydrophobia - -	·2	-	-	-	-	-	-	-	-
4. Glanders - - -	—	-	-	-	-	-	-	-	-
ORDER 3.									
1. Privation - - -	·9	1	-	-	-	-	1	-	-
2. Want of Breast-milk	8·0	11	11	-	-	-	-	-	-
3. Purpura and Scurvy -	1·7	3	1	2	-	-	-	-	-
4. Alcoholism { *a* Del. Tremens	1·0	-	-	-	-	-	-	-	-
{ *b* Intemperance	1·1	1	-	-	-	-	1	-	-
ORDER 4.									
1. Thrush - - -	1·9	3	3	-	-	-	-	-	-
2. Worms, &c. - -	·2	1	-	-	-	-	1	-	-
II. CONSTITUTIONAL.									
ORDER 1.									
1. Gout - - - -	3·4	5	-	-	-	-	2	2	1
2. Dropsy - - -	10·2	11	1	1	1	2	3	3	-
3. Cancer - - -	32·5	46	-	-	-	7	27	12	-
4. Cancrum Oris (Noma)	·2	1	-	1	-	-	-	-	-
5. Mortification - -	4·5	4	-	-	-	-	-	4	-
ORDER 2.									
1. Scrofula - - -	9·7	12	8	3	-	-	-	1	-
2. Tabes Mesenterica -	20·3	27	14	10	3	-	-	-	-
3. Phthisis - - -	165·9	174	5	5	12	80	64	8	-
4. Hydrocephalus - -	27·9	38	11	21	6	-	-	-	-
III. LOCAL.									
ORDER 1.									
1. Cephalitis - - -	17·1	26	7	11	5	-	1	2	-
2. Apoplexy - - -	46·6	57	5	2	1	3	22	19	5
3. Paralysis - - -	34·0	45	-	-	-	-	8	35	2
4. Insanity - - -	1·9	3	-	-	-	-	1	2	-
5. Chorea - - -	·1	-	-	-	-	-	-	-	-
6. Epilepsy - - -	6·9	6	-	2	1	1	-	2	-
7. Convulsions - -	55·4	47	29	18	-	-	-	-	-
8. *Brain Disease, &c.* -	18·4	23	3	2	1	1	5	11	-
ORDER 2.									
1. Pericarditis - -	2·4	2	-	1	1	-	-	-	-
2. Aneurism - - -	3·0	7	-	-	-	2	5	-	-
3. *Heart Disease, &c.* -	84·2	112	1	-	12	16	39	39	5
ORDER 3.									
1. Laryngitis - - -	9·8	6	3	2	-	-	1	-	-
2. Bronchitis - - -	233·4	307	65	57	5	6	50	103	21
3. Pleurisy - - -	4·4	3	-	1	1	-	1	-	-
4. Pneumonia - -	86·3	91	25	34	4	6	14	8	-
5. Asthma - - -	14·9	26	-	-	-	2	9	15	-
6. *Lung Disease, &c.* -	18·8	22	7	3	1	4	5	2	-

CAUSES OF DEATH.	Average in the Fourth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, January 26, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and
Mean Temperature -	38°·5	Mean Tem. 42°·3							
ORDER 4.									
1. Gastritis - - -	1·7	2	-	1	-	-	1	-	-
2. Enteritis - - -	4·7	7	2	1	1	-	2	1	-
3. Peritonitis - - -	4·6	6	1	-	1	2	1	1	-
4. Ascites - - -	2·3	2	-	1	-	-	1	-	-
5. Ulceration of Intestines	2·6	7	-	-	1	1	4	1	-
6. Hernia - - -	4·3	6	-	-	-	1	1	4	-
7. Ileus - - - -	2·8	5	1	-	-	1	1	2	-
8. Intussusception -	1·1	2	1	1	-	-	-	-	-
9. Stricture of Intestines	1·4	-	-	-	-	-	-	-	-
10. Fistula - - -	·1	1	-	-	-	-	-	1	-
11. *Stomach Disease, &c.* -	5·7	9	2	1	-	2	3	1	-
12. *Pancreas Disease, &c.*	—	-	-	-	-	-	-	-	-
13. Hepatitis - - -	3·4	7	-	-	-	2	2	3	-
14. Jaundice - - -	4·0	4	3	-	-	-	-	1	-
15. *Liver Disease, &c.* -	17·7	28	1	2	-	-	16	9	-
16. *Spleen Disease, &c.* -	·2	-	-	-	-	-	-	-	-
ORDER 5.									
1. Nephritis - - -	2·3	5	-	1	2	1	-	1	-
2. Ischuria - - -	·7	1	-	-	-	-	-	1	-
3. Bright's Dis. (Nephria)	14·1	12	-	-	-	3	2	7	-
4. Diabetes - - -	2·0	5	-	-	-	1	3	1	-
5. Calculus (Stone) -	1·0	2	-	-	-	-	2	-	-
6. Cystitis - - -	1·5	1	-	-	-	-	1	-	-
7. *Kidney Disease, &c.* -	8·4	11	-	-	-	2	5	3	-
ORDER 6.									
1. Ovarian Dropsy -	·5	1	-	-	-	-	1	-	-
2. *Uterus Disease, &c.* -	4·9	5	-	-	-	1	3	1	-
ORDER 7.									
1. Synovitis (Arthritis)	·2	-	-	-	-	-	-	-	-
2. *Joint Disease, &c.* -	6·2	7	-	1	2	1	2	1	-
ORDER 8.									
1. Phlegmon - - -	2·7	9	2	1	2	2	-	2	-
2. Ulcer - - - -	1·4	-	-	-	-	-	-	-	-
3. *Skin Disease, &c.* -	·7	1	1	-	-	-	-	-	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth -	25·2	30	30	-	-	-	-	-	-
2. Cyanosis - - -	2·6	2	1	-	1	-	-	-	-
3. Spina Bifida - -	1·6	1	1	-	-	-	-	-	-
4. Other Malformations	1·6	6	6	-	-	-	-	-	-
5. Teething - - -	15·4	17	8	9	-	-	-	-	-
ORDER 2.									
1. Paramenia - - -	·1	1	-	-	1	-	-	-	-
2. Childbirth (*see* Puerperal Fever) - -	6·5	7	-	-	-	7	-	-	-
ORDER 3.									
1. Old Age - - -	57·3	51	-	-	-	-	-	21	30
ORDER 4.									
1. Atrophy and Debility	57·3	73	65	5	-	-	-	3	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	17·6	23	-	2	3	5	8	4	1
2. Wounds { Gunshot	·4	-	-	-	-	-	-	-	-
{ Cut, Stab		-	-	-	-	-	-	-	-
3. Burns and Scalds -	7·2	8	1	2	2	-	1	2	-
4. Poison - - -	·8	-	-	-	-	-	-	-	-
5. Drowning - - -	4·7	6	-	-	2	3	1	-	-
6. Suffocation - -	11·1	11	10	1	-	-	-	-	-
7. Otherwise - - -	3·4	2	-	-	-	-	-	1	1
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	2·2	1	-	-	-	1	-	-	-
ORDER 4. SUICIDE.)									
1 Wounds { Gunshot -	·4	1	-	-	-	1	-	-	-
{ Cut, Stab -	·7	1	-	-	-	-	-	1	-
2. Poison - - -	1·0	1	-	-	-	1	-	-	-
3. Drowning - - -	1·2	2	-	-	-	1	1	-	-
4. Hanging - - -	1·1	-	-	-	-	-	-	-	-
5. Otherwise - - -	·2	-	-	-	-	-	-	-	-
ORDER 5. (EXECUTION.)									
1. Hanging - - -	—	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - -	·6	1	-	-	-	-	-	1	-
Causes not specified or ill-defined - -	6·0	5	3	1	-	-	-	1	-

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
LONDON	3,254,260	2430	1864	409	427	34	63	39	6	117	3	23	6	13	56	97	336
WEST DISTRICTS	561,359	370	281	56	81	1	5	10	1	15	1	1	1	1	5	13	50
NORTH DISTRICTS	751,729	564	408	84	110	15	9	9	2	27	-	8	3	2	10	22	70
CENTRAL DISTRICTS	334,369	181	154	26	27	-	3	1	-	5	-	5	-	-	5	13	33
EAST DISTRICTS	639,111	496	414	94	88	7	18	9	1	18	-	4	1	5	17	26	86
SOUTH DISTRICTS	967,692	819	607	149	121	11	28	10	2	52	2	5	1	5	19	23	97
WEST DISTRICTS.																	
St. Mary Paddington *WH*	58728	42	32	8	7	-	1	3	-	3	-	-	-	-	-	-	5
St. John Paddington *H*	38085	13	22	5	3	-	-	2	-	1	-	-	-	1	-	1	5
Kensington Town *W*	91645	67	43	7	13	-	2	3	-	4	1	-	-	-	-	3	1
Brompton *H*	28654	14	13	5	3	-	-	-	-	1	-	-	-	-	-	-	2
St. Peter Hammersmith	6662	3	4	-	3	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith *H*	36029	48	13	1	6	-	-	-	-	1	-	-	-	-	-	1	-
Fulham *WwH*	23350	28	14	4	5	1	-	1	-	-	-	-	-	-	1	-	3
Chelsea South *HHH*	26420	20	14	2	5	-	-	-	1	-	-	-	-	-	-	1	2
Chelsea North-west *WHHHH*	22926	10	13	2	3	-	-	-	-	-	-	-	-	-	1	-	7
Chelsea North-east	21392	12	12	2	5	-	-	-	-	-	-	-	-	-	-	-	-
Hanover Square *H*	18698	5	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-
May Fair *WW*	13358	5	7	1	3	-	-	1	-	-	-	-	1	-	1	1	3
Belgrave *HH*	57972	37	29	6	8	-	-	-	-	1	-	1	-	-	1	3	8
St. John Westminster *HH*	38478	24	20	3	2	-	2	-	-	3	-	-	-	-	-	-	1
St. Margaret Westminster *WH*	27781	19	23	6	6	-	-	-	-	-	-	-	-	-	1	1	8
Golden Square *WH*	12860	8	8	1	5	-	-	-	-	-	-	-	-	-	-	-	5
Berwick-street *H*	20759	6	6	2	1	-	-	-	-	-	-	-	-	-	-	2	-
St. Anne Soho *HHHHH*	17562	9	4	-	1	-	-	-	-	1	-	-	-	-	-	-	-
NORTH DISTRICTS.																	
All Souls Marylebone *HHHH*	28579	14	15	2	3	-	-	-	-	1	-	1	-	-	1	1	6
Cavendish Square *HH*	15425	3	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone *WH*	26384	14	21	4	12	-	-	-	-	-	-	-	-	-	-	1	10
St. Mary Marylebone *HHH*	21786	16	6	2	1	-	-	-	-	-	-	-	-	-	-	-	1
Christchurch Marylebone *H*	33944	22	13	1	1	-	2	-	-	-	-	-	-	-	1	1	-
St. John Marylebone *H*	33136	18	11	2	2	-	1	2	-	2	-	-	-	-	-	1	-
Hampstead *WwHH*	32281	20	27	3	5	4	1	-	1	1	-	-	1	-	-	-	8
Regent's Park Pancras	38200	28	12	2	5	-	-	-	1	-	-	-	-	1	-	-	-
Tottenham-court *wHHH*	29370	17	21	3	5	-	-	-	-	-	-	-	-	-	-	-	8
Gray's Inn Lane *HHH*	29221	16	8	3	3	-	-	-	-	-	-	-	-	-	-	-	-
Somers Town	38533	26	12	3	3	-	-	-	-	2	-	-	-	-	-	2	-
Camden Town *WH*	17943	21	16	4	7	-	-	-	-	3	-	-	-	-	-	1	8
Kentish Town *w*	68198	62	28	6	8	-	-	-	-	2	-	1	-	-	-	1	5
Islington West *HHH*	97820	78	62	18	10	2	2	4	-	9	-	1	-	1	1	2	4
Islington East *WwwH*	115958	106	77	14	22	-	2	2	-	5	-	-	1	-	3	6	5
Stoke Newington *H*	9841	11	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Stamford Hill	6598	10	4	3	1	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney	28069	22	12	1	3	-	-	-	-	1	-	-	-	-	-	2	-
Hackney *WwwHL*	50104	33	43	5	16	8	1	1	-	-	-	4	1	-	2	2	15
South Hackney	30339	27	13	5	1	1	-	-	-	1	-	1	-	-	2	2	-
CENTRAL DISTRICTS.																	
St. George Bloomsbury	17853	6	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Giles South *WH*	19109	17	10	3	-	-	-	-	-	-	-	-	-	-	2	2	2
St. Giles North	16594	9	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Long Acre	11379	5	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Charing Cross *HH*	9859	4	9	1	1	-	-	-	-	-	-	-	-	-	-	-	3
St. Mary-le-Strand	9378	10	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes *H*	10723	8	7	-	3	-	-	-	-	-	-	-	-	-	-	-	4
St. George-the-Martyr *HHHHH*	20521	13	10	2	4	-	1	-	-	-	-	-	-	-	-	-	2
St. Andrew Eastern *W*	13529	8	9	2	2	-	-	-	-	-	-	-	-	-	-	-	3
Saffron Hill *H*	9066	1	6	2	1	-	-	-	-	1	-	-	-	-	-	-	-
St. James Clerkenwell *W*	18917	11	11	1	2	-	1	-	-	-	-	-	-	-	-	2	2
Amwell Clerkenwell	16884	12	6	3	1	-	-	-	-	1	-	-	-	-	-	1	-
Pentonville	13337	9	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Goswell-street	16242	15	6	1	1	-	-	-	-	1	-	-	-	-	-	1	-
Old-street *H*	12161	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1
City-road *HHL*	18301	10	8	2	1	-	-	1	-	-	-	-	-	-	1	2	-
Whitecross-street	13792	10	4	2	-	-	-	-	-	2	-	-	-	-	-	-	-
Finsbury	10741	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph East London *H*	14540	7	5	1	1	-	-	-	-	-	-	-	-	-	-	1	-
Cripplegate	13638	6	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre *H*	7562	2	19	-	2	-	-	-	-	-	-	2	-	-	1	2	15
St. Bride *W*	11185	3	4	1	1	-	-	-	-	-	-	1	-	-	-	-	-
Castle Baynard	4426	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Christchurch	6270	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe	4753	1	2	-	-	-	-	-	-	-	-	-	-	-	1	1	-
Allhallows Barking	5764	-	4	-	1	-	-	-	-	-	-	-	-	-	-	1	-
Broad Street *H*	7845	1	4	-	2	-	-	-	-	-	-	1	-	-	-	-	1

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at the foot of next page.

FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT Saturday, 26th January 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age.	Deaths of Persons aged 60 Years & upwds.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
Holywell Shoreditch	12430	6	3	2	-	1	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch *HL*†	16545	10	9	4	1	-	-	1	-	-	-	-	-	-	1	1	-
Hoxton New Town *w*	27835	23	16	2	7	-	1	1	-	-	-	1	-	-	-	-	7
Hoxton Old Town	26933	25	13	3	3	-	-	-	-	2	-	-	-	-	-	-	-
Haggerston * *WH*	43421	28	39	9	6	-	2	2	-	-	-	1	-	-	1	2	12
Hackney-road *H*	29822	18	11	2	4	-	-	1	-	-	-	-	-	-	-	1	-
Green, Bethnal Green *WHL*†	42433	29	31	2	11	1	1	-	-	1	-	-	-	-	1	2	13
Church, Bethnal Green	26577	20	12	5	1	-	-	-	-	-	-	-	-	-	-	-	-
Town, Bethnal Green	21272	18	9	2	1	-	-	-	-	-	-	-	-	-	-	1	-
Spitalfields *H*	22499	14	10	3	3	-	-	-	-	-	-	-	-	-	1	1	-
Mile End New Town *W*	15550	8	15	1	6	-	-	-	-	-	-	-	-	-	-	2	9
Whitechapel North	11597	8	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Whitechapel Church *H*	7322	7	18	1	2	-	1	-	-	-	-	-	-	-	4	4	14
Goodman's Fields	10381	16	8	1	1	-	-	1	-	-	-	-	-	-	-	-	-
Aldgate	9224	3	5	2	1	-	1	-	-	-	-	-	-	-	-	1	-
St. Mary St. George East	17900	12	5	2	-	-	-	-	-	1	-	-	-	-	-	-	-
St. Paul St. George East	21350	19	15	3	1	-	1	-	-	1	-	-	-	-	-	-	-
St. John St. George East *W*	8802	5	9	-	3	-	-	-	-	-	-	-	-	-	1	2	6
Shadwell *H*	11640	8	9	5	1	-	1	-	-	1	-	-	-	-	-	-	2
Ratcliff	16131	9	8	2	1	1	-	1	-	1	-	-	-	-	-	-	-
Limehouse	29919	20	14	5	-	-	2	-	1	-	-	-	-	-	1	1	-
Mile End Old Town Western	38128	24	20	6	3	-	4	1	-	1	-	-	-	-	-	-	-
Mile End Old Town Eastern *WwwH*	55024	57	45	8	13	2	2	-	-	2	-	-	1	1	3	3	7
Bow *wwwH*	67765	79	61	15	13	2	2	1	-	7	-	1	-	2	1	1	16
Poplar *WW*	48611	30	27	8	6	-	-	-	-	1	-	1	-	2	3	4	-
SOUTH DISTRICTS.																	
Christchurch Southwark *WH*	14573	8	9	1	5	-	-	-	-	2	-	-	-	-	-	-	5
St. Saviour Southwark *H*	15677	15	10	4	2	-	-	-	-	2	-	-	-	-	-	1	-
Kent-road	20421	13	8	4	2	-	1	-	-	2	-	-	-	-	-	1	-
Borough-road *WH*	16695	7	6	-	-	-	-	2	-	-	-	-	-	-	-	-	2
London-road *HL*	18961	12	9	3	1	-	-	-	-	-	-	-	-	-	-	1	-
Trinity Newington	23682	22	14	2	3	-	1	-	-	2	-	-	-	-	1	-	-
St. Peter Walworth *W*	48248	35	27	5	8	-	-	-	-	2	-	-	-	1	-	-	3
St. Mary Newington	16792	12	13	5	2	-	1	-	-	3	-	-	-	1	-	-	-
St. Olave Southwark *H*	4373	-	18	1	2	-	-	-	-	-	-	-	-	-	3	3	18
St. John Horsleydown *W*	10500	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leather Market	16787	5	12	5	2	-	-	-	-	2	-	-	-	-	-	-	-
St. Mary Magdalen *W*	15709	15	9	3	-	-	-	-	-	4	-	-	-	-	-	-	2
St. James Bermondsey	47933	44	31	7	2	-	3	3	-	6	-	-	-	-	1	1	-
Rotherhithe *W*	27096	31	17	7	2	-	1	-	-	3	-	-	-	1	1	1	2
Waterloo-road 1st *H*	14074	13	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Waterloo-road 2nd *H*	18465	16	8	2	-	-	1	-	-	-	-	-	-	-	-	-	-
Lambeth Church 1st *H*	19492	12	18	2	1	-	-	-	-	2	-	-	-	-	2	1	10
Lambeth Church 2nd *WW*	35833	36	36	13	10	-	1	-	-	3	-	-	-	-	1	1	9
Kennington 1st	41286	29	15	4	5	-	-	-	-	-	-	1	-	-	-	-	-
Kennington 2nd	31221	13	19	4	4	-	3	-	1	3	-	-	-	-	1	1	-
Brixton *w*	35435	41	44	8	10	10	-	1	-	2	1	2	-	-	-	-	12
Norwood *W*	12536	5	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Clapham *H*	27347	27	21	5	4	-	2	-	-	1	-	-	-	-	1	1	1
Battersea *Ww*	54016	58	39	11	12	-	1	-	-	1	1	-	-	1	1	4	8
Wandsworth *HL*	19783	8	4	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Putney	9439	5	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Streatham	14475	9	8	1	3	-	-	-	-	-	-	-	-	-	1	1	-
Dulwich	4041	6	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Camberwell *WL*†*L*†	31254	43	31	6	5	-	4	3	-	1	-	-	-	-	-	-	12
Peckham *W*	42160	48	24	6	7	1	1	-	-	3	-	-	-	-	-	1	-
St. George Camberwell	33851	29	18	4	3	-	1	-	-	3	-	-	-	1	-	-	-
St. Paul Deptford *w*	53714	44	27	6	6	-	-	-	1	2	-	1	-	-	2	2	-
St. Nicholas Deptford	6474	6	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Greenwich West	21034	22	8	-	3	-	1	-	-	1	-	-	-	-	-	-	-
Greenwich East *WH*	19378	18	16	3	3	-	1	-	-	-	-	-	-	-	1	1	11
Eltham *H*	4539	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lee	16440	12	6	-	3	-	-	-	-	-	-	-	-	-	1	1	-
Lewisham Village *WH*	11513	12	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Sydenham *H*	19065	13	11	2	3	-	1	1	-	-	-	-	-	-	1	-	-
Charlton *H*	9564	7	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Woolwich Dockyard	17226	16	13	5	3	-	1	-	-	-	-	-	1	-	-	-	-
Woolwich Arsenal *WHH*	18331	15	13	3	1	-	-	-	-	-	-	1	-	-	1	1	-
Plumstead, West	13027	10	6	3	-	-	1	-	-	1	-	-	-	-	-	-	-
Plumstead, East *W*	15232	16	12	4	-	-	2	-	-	1	-	-	-	-	-	-	1

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the above Table by *w*:—

Central London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary " " "
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

* The two sub-districts of Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston sub-district.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 26th January 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
	LONDON—OUTER RING	368,414	631,381	528	275	61	81	8	6	2	2	6	–	2	7	13	40
29 : 1	Carshalton *wL* - - -	12228	13523	5	7	–	1	–	–	–	–	–	–	–	–	–	5
2	Epsom (*part of*) * *WH* -	9971	9145	5	3	–	–	–	–	–	–	–	–	–	–	–	–
36 : 1	Godstone (*part of*) * - -	2754	900	1	–	–	–	–	–	–	–	–	–	–	–	–	–
37 : 1	Croydon *WWH* - - -	20851	71319	68	36	7	7	1	4	–	2	1	–	–	2	3	3
2	Mitcham *WH* - - -	11697	12534	9	4	2	–	–	–	–	–	–	–	–	1	1	–
38 : 1	Wimbledon *HH* - -	3220	9087	8	2	1	–	–	–	–	–	–	–	–	–	–	–
2	Kingston *WH* - - -	8549	27489	14	7	1	3	–	–	–	–	–	–	–	1	1	–
3	Esher (*part of*) * - -	6601	7353	6	1	–	–	–	–	–	–	–	–	–	–	–	–
4	Hampton - - - -	4573	10185	4	4	2	1	–	–	–	–	–	–	–	–	–	–
39 : 1	Richmond *WH* - - -	2271	16829	17	9	4	3	–	–	–	–	–	–	–	–	–	–
2	Mortlake - - - -	2961	9316	4	4	1	2	–	–	–	–	–	–	–	–	–	–
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	9	4	1	1	–	–	–	–	–	–	–	–	–	–
2	Chislehurst (*part of*)* *W* -	13665	10028	5	4	1	3	–	–	–	–	–	–	–	–	–	3
41 : 1	Bexley *H* - - - -	13439	19566	13	6	1	3	–	–	–	–	–	–	–	–	–	1
123 : 1	Sunbury *W* - - -	11055	9860	7	2	–	1	–	–	–	–	–	–	–	–	–	–
2	Staines *W* - - - -	13277	10339	18	5	1	2	–	–	–	–	–	–	–	–	–	2
124 : 1	Hillingdon *WH* - - -	6029	9712	4	7	–	4	–	–	–	–	–	–	–	–	–	2
2	Uxbridge - - - -	6178	5329	9	2	–	1	–	–	–	–	–	–	–	–	–	–
3	Hayes *WL* - - - -	14587	10497	7	9	1	3	–	–	–	–	–	–	–	–	1	6
125 : 1	Isleworth *W* - - -	7008	19930	15	4	1	2	–	–	–	–	–	–	–	1	2	1
2	Twickenham - - -	2477	10533	6	4	1	–	–	–	–	–	–	–	–	1	2	–
3	Brentford *HL* - - -	4370	20279	14	7	1	1	–	–	2	–	–	–	–	–	–	–
4	Chiswick - - - -	1311	8508	11	4	2	–	1	–	–	–	1	–	–	–	–	–
5	Acton *WH* - - - -	6087	12683	20	8	2	1	–	–	–	–	–	–	1	–	–	1
126 : 1	Harrow *H* - - - -	13809	10869	1	3	1	1	–	–	–	–	–	–	–	–	–	–
2	Edgware *H* - - -	6994	3450	3	–	–	–	–	–	–	–	–	–	–	–	–	–
3	Willesden - - - -	4383	15869	17	6	1	4	–	–	–	–	–	–	–	–	1	–
4	Hendon *WH* - - -	8382	6972	5	4	2	1	–	–	–	–	1	–	–	–	–	1
127 : 1	South Mimms - - -	15419	5924	1	2	1	1	–	–	–	–	–	–	–	–	–	–
2	Barnet *W* - - - -	5423	7752	7	2	–	–	–	–	–	–	–	–	–	–	–	–
3	Finchley *L* - - - -	4688	11493	7	8	–	3	–	–	–	–	–	–	–	–	–	7
128 : 1	Hornsey *H* - - - -	3039	19357	20	13	2	2	–	–	–	–	1	–	–	–	1	1
2	Tottenham *H* - - -	4642	22869	20	13	5	6	–	–	–	–	–	–	–	–	–	–
3	Edmonton *WW* - - -	7483	13860	15	13	1	7	1	–	–	–	–	–	–	–	–	5
4	Enfield *WH* - - -	12653	16054	16	3	2	–	–	–	–	–	–	–	1	–	–	–
5	Waltham Abbey - - -	11017	5197	3	2	–	1	–	1	–	–	–	–	–	–	–	–
6	Cheshunt - - - -	8493	7518	1	2	–	–	–	–	–	–	–	–	–	–	–	–
134 : 1	Hatfield (*part of*) * - -	3180	559	–	–	–	–	–	–	–	–	–	–	–	–	–	–
136 : 1	Bushey - - - -	9028	6472	–	2	–	2	–	–	–	–	–	–	–	–	–	–
185 : 1	Stratford - - - -	882	23286	22	9	2	1	–	–	–	–	–	–	–	1	1	–
2	West Ham *WWWW* - -	7345	44642	64	26	9	5	4	–	–	–	1	–	–	–	–	–
3	Leyton *WW* - - -	4274	15513	14	12	1	6	–	–	–	–	–	–	–	–	–	2
4	Walthamstow *H* - -	6619	15701	14	4	–	–	1	–	–	–	1	–	–	–	–	–
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	–	2	1	–	–	–	–	–	–	–	–	–	–	–
188 : 1	Romford (*part of*) * - -	6730	2879	5	–	–	–	–	–	–	–	–	–	–	–	–	–
2	Ilford - - - - -	8492	5947	7	3	1	2	–	–	–	–	–	–	–	–	–	–
3	Barking Town - - -	4128	6576	7	3	2	–	–	1	–	–	–	–	–	–	–	–

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:- 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Godston sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except th two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903) 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoydon-Bo (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 26th January, 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Deaths in Public Institutions.
GREATER LONDON	446,494	4,450,015	25·1	3·9	2139	470	508	42	69	41	8	123	32	15	63	376
INNER LONDON -	78,080	3,577,304	27·2	4·4	1864	409	427	34	63	39	6	117	32	13	56	336
OUTER RING -	368,414	872,711	16·4	1·6	275	61	81	8	6	2	2	6	–	2	7	40

NOTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 697·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,566,865 Persons.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	December 22	–	490	59·5	Fevers 190; cholera 16; small-pox 7.
BOMBAY - -	644,405	„ 25	–	506	40·8	Measles 31; small-pox 12.
MADRAS - -	397,552	„ 7	264	680	88·9	Small-pox 37; dysentery 182.
PARIS - -	1,988,806	January 24	–	1051	27·5	Typhoid fever 16; diphtheria 31; croup 24.
GENEVA - -	68,792	„ 19	33	38	28·8	—
BRUSSELS - -	175,782	„ 19	128	104	30·9	Measles 4.
AMSTERDAM -	289,981	„ 12	196	156	27·4	Whooping-cough 6; typhus & typhd. fev. 3.
ROTTERDAM -	142,585	„ 12	119	81	29·5	Measles 3.
THE HAGUE -	107,896	„ 12	84	59	28·4	Croup 4.
COPENHAGEN -	220,000	„ 15	155	73	17·3	Typhoid fever 2; croup 2.
STOCKHOLM -	146,845	„ 12	–	68	24·1	—
CHRISTIANIA -	81,000	„ 19	76	23	14·8	—
ST. PETERSBURGH	669,741	„ 5	–	589	45·7	Small-pox 9; typhus and typhoid fever 71.
BERLIN - -	1,019,620	„ 5	796	488	25·0	Scarlet fever 16; diphtheria 19.
HAMBURG (State)	393,588	„ 12	319	250	33·1	Whooping-cough 11.
DRESDEN - -	207,845	„ 12	145	89	22·3	Scarlet fever 5; diphtheria and croup 5.
BRESLAU - -	267,000	„ 19	–	–	–	—
MUNICH - -	222,000	„ 19	169	132	31·0	Diphtheria and croup 12.
VIENNA - -	727,271	„ 19	520	449	32·1	Small-pox 10; diphtheria 25.
BUDA-PESTH -	319,530	„ 12	246	269	43·8	Scarlet fever 9; diphtheria 8; small-pox 3.
ROME - -	280,564	December 1	167	176	32·7	Small-pox 3; diphtheria and croup 7.
NAPLES - -	454,948	„ 23	–	283	32·5	Typhus and typhoid fever 4; croup 3.
TURIN - -	227,843	January 5	1[illegible]2	167	38·2	Typhus and typhoid fever 11.
VENICE - -	139,796	„ 19	71	113	42·2	—
ALEXANDRIA -	212,034	„ 17	182	158	38·9	Whooping-cough 6; diphtheria 4.
NEW YORK -	1,084,528	December 29	–	474	22·9	Scarlet fever 22; diphtheria 25.
BROOKLYN -	527,830	„ 29	–	208	20·5	Scarlet fever 15; diphtheria 14.
PHILADELPHIA -	876,118	January 5	–	312	18·6	Scarlet fev. 9; diph. 18; typhoid fever 7.
BOSTON - -	363,000	December 29	–	157	22·4	Diphtheria 14.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 26th JANUARY, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Difference. Between Dew Point Temperature and Air Temperature. Greatest.	Difference. Between Dew Point Temperature and Air Temperature. Least.	Difference. Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. Osler's. General Direction. P.M	Wind. Osler's. Pressure on square foot. Greatest.	Wind. Osler's. Pressure on square foot. Least.	Wind. Osler's. Pressure on square foot. Mean of 24 Obs.	Wind. Robinson's. Amount of Horizontal Movement of Air each day.	Wind. Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
JANUARY.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN.	20	Perigee.	30·169	47·2	40·6	6·6	44·6	41·3	55·6	37·2	42·7	40·7	3·3	7·1	0·0	+ 7·4	88	SSW.&SW.	SSW.	6·4	0·0	1·0	459	+117	0·00	6·8
MON.	21	..	29·915	54·8	43·2	11·6	51·0	47·6	61·7	45·1	42·7	40·7	3·4	6·2	1·7	+13·7	88	SW. & WSW.	WSW.	17·8	0·6	4·3	781	+436	0·00	10·2
TUES.	22	In Equator	29·786	54·8	47·3	7·5	51·6	47·6	61·0	42·0	44·3	41·8	4·0	7·8	2·0	+14·2	86	WSW. & SW.	WSW.	12·5	0·2	2·5	654	+308	0·00	11·0
WED.	23	..	29·565	48·4	35·6	12·8	40·5	32·0	71·9	33·7	45·3	43·1	8·5	13·2	2·3	+ 3·0	72	WSW. & W.	WSW. & W.	17·3	0·3	3·6	739	+394	0·06	4·4
THURS.	24	..	29·320	42·6	34·6	8·0	38·9	31·8	60·8	29·4	45·3	42·7	7·1	11·2	1·8	+ 1·2	76	W.	W. & NW.	6·5	0·0	1·0	442	+100	0·00	3·9
FRI.	25	Last Quarter	29·293	36·9	29·4	7·5	32·2	24·3	63·1	25·0	44·7	42·3	7·9	12·9	0·9	− 5·6	72	SW. & NW.	NNW. NW. & WSW.	11·0	0·0	1·7	485	+147	0·05	0·0
SAT.	26	..	29·824	42·0	32·1	9·9	37·4	30·9	65·5	27·4	44·3	41·3	6·5	9·5	2·0	− 0·5	77	NNW. & N.	N. & NNW.	6·8	0·0	0·8	309	− 24	0·00	2·0
MEANS		..	29·696	46·7	37·5	9·1	42·3	36·5	62·8	34·3	44·2	41·8	5·8	9·7	1·5	+ 4·8	80	WSW.		..	..	..	Sum 3869	Sum +1478	Sum 0·11	5·5
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. JANUARY.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY	20	The electrical apparatus was not in action throughout the week.	0·0	8·5	Overcast. A little rain.
MONDAY	21		0·0	8·5	Overcast generally.
TUESDAY	22		0·0	8·6	Overcast till evening; partially clear afterwards.
WEDNESDAY	23		5·1	8·6	Heavy squall of wind and rain in early morning. Fine and partially cloudy during day. Showery at times.
THURSDAY	24		0·7	8·7	Generally overcast.
FRIDAY	25		3·4	8·7	Variable. Occasional showers of rain and snow.
SATURDAY	26		2·4	8·8	Hoar frost in morning. Fine and partially cloudy.
..		..	Sum 11·6	Sum 60·4	
No. of Col.		28	29	30	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eve-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and − "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 30·25 in. at the beginning of the week to 29·18 in. by 9h. A.M. on the 25th; and increased to 29·93 in. by the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

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General Register Office, Somerset House,
February 4th, 1878.

United Kingdom.

During last week 6107 *births* and 4050 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The natural increase of population was 2057. The mortality from all causes was at the average rate of 25 deaths annually in every 1000 persons living. The annual death-rate was 27 per 1000 in Edinburgh, 25 in Glasgow, and 33 in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Portsmouth 16, Bristol 18, Sunderland 20, Brighton 21, Bradford 21, Oldham 21, Sheffield 22, Leicester 22, Hull 23, Nottingham 23, Newcastle-upon-Tyne 23, Leeds 23, London 25, Birmingham 26, Wolverhampton 27, Liverpool 28, Salford 30, Norwich 33, Manchester 33, and the highest rate 35 in Plymouth. The annual death-rate from the seven principal zymotic diseases averaged 3·6 per 1000 in the twenty towns, and ranged from 1·1 and 1·3 in Hull and Bristol, to 6·3 and 9·9 in Wolverhampton and Plymouth. Wolverhampton, in which scarlet fever has recently been so fatally prevalent, is now suffering from an excessive mortality from whooping-cough; and whooping-cough is still fatally epidemic in Plymouth. Small-pox caused 38 deaths in London, but not one in any of the nineteen large provincial towns.

London.

In London 2560 births and 1703 deaths were registered. Allowing for increase of population, the births were 52 below, whereas the deaths exceeded by 38, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 27·8 and 27·2 per 1000, declined last week to 24·8.

The 1703 deaths included 38 from small-pox, 56 from measles, 43 from scarlet fever, 9 from diphtheria, 89 from whooping-cough, 20 from different forms of fever, and 11 from diarrhœa; thus to the seven principal diseases of the zymotic class 266 deaths were referred, against 291 and 304 in the two preceding weeks. Whooping-cough is still the most fatal zymotic disease in London, causing 89 deaths last week, against 94 and 117 in the two preceding weeks, and including 43 in South London; 6 occurred in Islington, 11 in Bermondsey, 7 in Rotherhithe, 10 in Lambeth, and 5 in Camberwell. The 56 fatal cases of measles showed a further decline from the numbers in recent weeks, and included 28 in the South and 13 in the East groups of registration districts; 5 were returned in Mile End Old Town, 6 in Bow and Poplar, 5 in Camberwell, and no less than 13 in Greenwich and Deptford. Of the 43 deaths from scarlet fever, which exceeded the numbers in recent weeks, 8 occurred in Islington. Two fatal cases of diphtheria were returned in Hampstead, 2 in Kensington, and 2 in Lambeth. The deaths referred to fever, which had been 21 and 32 in the two preceding weeks, declined to 20 last week, and were 15 below the corrected average; 5 were fatal cases of typhus, 12 of enteric or typhoid, and 3 of simple continued fever. The five deceased typhus patients had resided:—at 12, St. Luke's Mews, Kensington; at 3, Model Buildings, Holborn; at 4, Unicorn Yard, Southwark; at 13, Bull's Court, Tooley Street; and the fifth case occurred in the Seaman's Hospital at Greenwich.

The deaths from small-pox, which had been 51 and 34 in the two preceding weeks, were 38 last week, of which 22 occurred in the Metropolitan Asylum Hospitals, 4 in the Highgate Small-pox Hospital, and 12 in private dwelling-houses. Five of the deceased small-pox patients had resided in Hackney, 4 in Pancras, and 6 in Poplar and Bow. The 12 deaths from small-pox in private dwelling-houses included 2 in Hackney, 2 in Bethnal Green, 2 in Bow, and 3 in Lambeth. Of the 38 fatal

cases of small-pox in the Metropolis, 17 were certified as unvaccinated and 10 as vaccinated, while in the remaining 11 cases the medical certificates gave no information as to vaccination.

Judged by the number of small-pox cases under hospital treatment, the prevalence of the epidemic in London continues to increase. The number of small-pox patients in the Metropolitan Asylum Hospitals, which at the beginning of October last had declined to 137, has since steadily increased to 415, 468, 505, and 542 at the end of the last four weeks; 146 new cases were admitted during last week, against 129 and 126 in the two preceding weeks. The Highgate Small-pox Hospital contained 56 patients on Saturday last; in the five preceding weeks the numbers had steadily increased from 26 to 55.

The deaths referred to diseases of the respiratory organs, which had been 541 and 455 in the two previous weeks, further declined to 448 last week, but exceeded the corrected weekly average by 37; 280 resulted from bronchitis, and 111 from pneumonia.

Different forms of violence caused 53 deaths; 47 were the result of negligence or accident, including 16 from fractures and contusions, 10 from burns and scalds, 8 from drowning, and 9 of infants under one year of age from suffocation. The 16 deaths from fractures and contusions were thus caused:—female 65, knocked down by a horse; female 79, run over by a horse and cart; male 36, kicked by a horse; male 25, run over on the Great Eastern Railway; male 27, run over on railway; female 55, crushed between railway carriages and platform at New Cross; male 61, fell down stairs; male 35, fell from a scaffold; male 14, fell down ship's hold; female 3, fell from bed; female 77 and male 62, by falls (nature of falls not stated); male 55, fell against a fender (intoxicated); male 57, injured by planing machine; male 37, injured by fall of plank upon him; female 94, fell out of bed. An inquest was held in each of these 16 cases, except the last, in which the cause of death was uncertified.

In the large Public Institutions 324 deaths were recorded, or 19 per cent. of the total deaths; of these, 209 occurred in Workhouse Establishments, 100 in Hospitals, and 15 in Lunatic Asylums. The London Fever Hospital contained 57 patients on Saturday last, against 68 at the end of the previous week; 47 were under treatment for scarlet fever, 6 for enteric fever, and 2 for measles.

Greater London.

In Greater London 3062 births and 1990 deaths were registered, equal to annual rates of 35·9 and 23·3 per 1000 of the population. In the Outer Ring 2 fatal cases of small-pox occurred in West Ham; one of small-pox and one of diphtheria in Croydon; and 2 of fever both in Isleworth and Hornsey registration sub-districts.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 45; Paris 27; Geneva 32; Brussels 31; Amsterdam 28, Rotterdam 33, The Hague 27; Copenhagen 23; Stockholm 26; Christiania 16; St. Petersburgh 51; Berlin 24, Dresden 20, Breslau 19, Munich 36; Vienna 29, Buda-Pesth 39; Rome 28, Naples 42, Turin 37, Venice 32; Alexandria 52; New York 24, Brooklyn 19, Philadelphia 18, and Boston 20. No less than 85 deaths were referred to fever in St. Petersburgh; 51 were described as enteric or typhoid, 11 as typhus, and 23 as relapsing. Enteric fever caused 22 deaths in Paris.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30·06 in., the lowest reading was 29·54 in. on Monday, and the highest 30·40 in. on Friday morning. The mean temperature of the *air* was 36°·2, and 2°·2 below the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean on Monday was equal to 38°·3, and was slightly above the average, whereas it was below the average on each of the other days of the week; Wednesday was the coldest day, when the mean was 34°·5, and was in defect by 3°·9. The lowest night temperature was 29°·7 on Wednesday, and the highest day temperature in the shade 42°·8 on Saturday; the extreme range in the week was, therefore, 13°·1. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 73°·2 on Wednesday. The difference between the mean *dew-point* and *air* temperature averaged 3°·7. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police ship, was 39°·8. The mean degree of *humidity* of the air was 87, complete saturation being represented by 100. The general direction of the *wind* was North, and the horizontal movement of the air averaged 9·5 miles per hour, which was 4·7 below the average in the corresponding week of 16 years. *Rain* fell on three days of the week, to the aggregate amount of 0·42 of an inch. The duration of registered sunshine in the week was 11·8 hours, the sun being above the horizon during 62·9 hours; the recorded duration of sunshine was, therefore, equal to 18·8 per cent. of its possible duration.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 2nd February, 1878.

CITIES AND BOROUGHS. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 2nd February 1878.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
In 23 TOWNS in the UNITED KINGDOM	220,845	8,373,953	37·9	6107	4050	52·6	19·3	35·9	2·17	0·60	1·52
LONDON	75,362	3,577,304	47·5	2560	1703	42·8	29·7	36·2	2·33	0·42	1·07
BRIGHTON	2,354	103,923	44·1	63	41	42·0	29·4	35·5	1·95	0·88	2·24
PORTSMOUTH	4,486	129,461	28·9	96	40	–	–	–	–	–	–
NORWICH	7,472	84,620	11·3	66	53	44·5	31·0	37·0	2·78	0·67	1·70
PLYMOUTH	1,395	73,599	52·8	44	50	50·0	30·0	39·3	4·06	0·66	1·68
BRISTOL	4,452	206,419	46·4	142	72	46·3	24·5	36·2	2·33	0·61	1·55
WOLVERHAMPTON	3,396	74,240	21·9	69	38	43·5	20·8	33·4	0·78	0·68	1·73
BIRMINGHAM	8,400	383,117	45·6	278	191	–	–	–	–	–	–
LEICESTER	3,200	121,473	38·0	123	52	43·0	25·8	34·6	1·45	0·63	1·60
NOTTINGHAM	9,960	165,267	16·6	122	72	43·3	22·0	34·2	1·22	0·48	1·22
LIVERPOOL	5,210	532,681	102·2	404	289	43·1	28·0	37·0	2·78	0·76	1·93
MANCHESTER	4,293	360,514	84·0	265	227	–	–	–	–	–	–
SALFORD	5,170	170,251	32·9	133	98	43·4	19·3	32·5	0·28	0·52	1·32
OLDHAM	4,666	107,366	23·0	60	44	–	–	–	–	–	–
BRADFORD	7,220	185,088	25·6	165	75	39·6	27·6	34·2	1·22	0·46	1·17
LEEDS	21,572	304,948	14·1	247	134	43·0	28·0	35·9	2·17	0·38	0·97
SHEFFIELD	19,651	289,537	14 7	237	120	46·0	25·0	36·5	2·50	0·80	2·03
HULL	3,635	143,139	39·4	132	62	44·0	27·0	35·1	1·73	0·67	1·70
SUNDERLAND	3,306	112,459	34·0	76	44	50·0	30·0	37·0	2·78	0·50	1·27
NEWCASTLE-ON-TYNE	5,371	144,570	26·9	105	63	–	–	–	–	–	–
EDINBURGH	4,191	222,371	53·1	139	117	44·5	27·5	36·2	2·33	0·58	1·47
GLASGOW	6,033	566,940	94·0	369	268	45·0	30·0	36·8	2·67	0·91	2·31
DUBLIN	10,050	314,666	31·3	207	197	52·6	24·0	37·8	3·23	0·14	0·36

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.

† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the dition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, lford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the l of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the mber enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday, the 2nd February, 1878.

BOROUGHS, &c. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
				Deaths of		Deaths from									
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
In 20 TOWNS	24·9	3·6	3468	700	723	38	85	105	20	183	42	30	110	202	554
LONDON	24·8	3·9	1703	318	391	38	56	43	9	89	20	11	53	95	324
BRIGHTON	20·6	3·0	41	6	11	–	1	1	1	3	–	–	–	–	9
PORTSMOUTH	16·1	2·0	40	7	7	–	–	–	–	3	1	1	–	–	4
NORWICH	32·7	1·8	53	13	20	–	–	–	1	1	1	–	1	2	6
PLYMOUTH	35·4	9·9	50	9	7	–	2	2	–	10	–	–	2	4	6
BRISTOL	18·2	1·3	72	17	15	–	1	2	–	–	1	1	3	8	8
WOLVERHAMPTON	26·7	6·3	38	9	11	–	–	2	–	6	–	1	–	–	3
BIRMINGHAM	26·0	5·3	191	48	35	–	–	10	3	24	1	1	10	16	28
LEICESTER	22·3	2·1	52	19	11	–	–	1	–	3	–	1	–	4	3
NOTTINGHAM	22·7	2·5	72	20	16	–	2	3	–	2	1	–	1	4	7
LIVERPOOL	28·3	4·1	289	50	52	–	15	3	2	17	3	2	8	8	47
MANCHESTER	32·9	3·5	227	37	39	–	4	13	–	4	–	3	9	24	45
SALFORD	30·0	3·7	98	24	16	–	–	5	–	4	2	1	7	10	11
OLDHAM	21·4	4·4	44	10	4	–	2	1	–	3	1	2	–	1	1
BRADFORD	21·1	2·0	75	17	10	–	1	1	1	2	2	–	6	8	6
LEEDS	22·9	2·4	134	30	24	–	1	5	–	2	4	2	2	8	16
SHEFFIELD	21·6	2·7	120	29	18	–	–	10	1	–	1	3	2	2	17
HULL	22 6	1·1	62	16	14	–	–	–	–	1	2	–	3	3	4
SUNDERLAND	20·4	2·8	44	10	14	–	–	1	2	3	–	–	2	3	2
NEWCASTLE-ON-TYNE	22·7	4·0	63	11	8	–	–	2	–	6	2	1	1	2	7
DUBLIN	32·7	3·8	197	29	54	–	7	–	1	7	7	1	3	6	51

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the FIFTH Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2364	2316	2378	2350	2508	2450	2318	2585	2577	2565	2441·1	2560
Males . .	1207	1134	1172	1173	1292	1179	1156	1307	1334	1313	1226·7	1319
Females .	1157	1182	1206	1177	1216	1271	1162	1278	1243	1252	1214·4	1241
TOTAL **Deaths**	1394	1631	1828	1683	1423	1336	1411	1552	1771	1528	1555·7	1703
Males . .	735	799	938	801	710	685	709	729	929	800	783·5	848
Females .	659	832	890	882	713	651	702	823	842	728	772·2	855

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Nov. 10.	Nov. 17.	Nov. 24.	Dec. 1.	Dec. 8.	Dec. 15.	Dec. 22.	Dec. 29.	Jan. 5.	Jan. 12.	Jan. 19.	Jan. 26.	Feb. 2.
TOTAL **Deaths** - - -	1448	1435	1571	1579	1547	1613	1761	1757	1892	1760	1903	1864	1703
0—20 - -	742	750	815	804	816	786	944	868	911	867	918	899	788
20—40 - -	190	192	209	219	183	218	205	217	244	230	240	203	248
40—60 - -	238	242	250	248	265	241	273	274	317	288	298	335	276
60—80 - -	233	215	253	267	238	307	282	331	345	309	373	359	320
at 80 years & upwds.	45	36	44	41	45	61	57	67	75	66	74	68	71
Deaths of children: Under 1 year -	337	323	381	375	391	359	417	398	436	380	416	409	318
Deaths of children: 1—5 - -	295	314	312	320	316	302	400	367	378	363	397	365	342
Deaths of children: 5—20 - -	110	113	122	109	109	125	127	103	97	124	105	125	128
Deaths from 7 principal Zymotic Diseases	229	223	258	248	234	248	301	311	292	299	291	304	266
" " Small-pox -	25	14	27	31	25	31	31	29	26	35	51	34	38
" " Measles - -	62	66	82	81	76	92	102	109	104	97	77	63	56
" " Scarlet fever -	67	61	55	52	46	54	46	31	31	39	35	39	43
" " Diphtheria -	6	8	11	5	5	10	3	12	5	9	5	6	9
" " Whooping-cough	15	23	32	27	36	25	64	82	89	69	94	117	89
" " Typhus fever -	1	2	5	1	5	3	6	7	1	7	4	3	5
" " Enteric (or Typhoid) fever -	35	26	29	30	21	20	27	23	23	19	15	23	12
" " Simple Cont^d fever	6	–	4	5	1	3	8	6	4	7	2	6	3
" " Diarrhœa - -	12	23	13	16	19	10	14	12	9	17	8	13	11
" " Simple Cholera -	–	–	–	–	–	–	–	–	1	–	–	–	1
" " Dis. of Respiratory Organs -	338	313	409	417	397	415	487	467	535	464	541	455	448
" " Phthisis - -	140	150	163	128	133	151	170	158	167	177	168	174	167
" " Heart Diseases -	81	87	93	115	91	96	91	94	99	100	103	121	111
Violent Deaths - - -	40	53	43	45	48	55	44	50	67	65	71	56	53
Inquest Cases - - -	77	96	85	77	93	91	88	94	136	134	137	97	95
Deaths in Public Institutions	269	257	248	267	268	297	310	306	301	302	358	336	324
TEMPERATURE OF THE AIR:													
Mean - - - -	51°·0	45°·6	42°·8	41°·9	43°·4	39°·0	41°·8	37°·8	43°·9	36°·9	42°·9	42°·3	36°·2
Mean of Highest readings -	57·1	52·0	48·9	47·2	47·8	45·1	45·4	43·2	47·1	41·1	47·9	46·7	40·8
Mean of Lowest readings -	45·1	38·8	36·3	36·6	38·3	32·5	38·1	32·1	39·7	32·5	36·8	37·5	31·0
Mean Temperature of the Water of the Thames -	50·6	49·2	45·5	43·0	42·2	42·4	40·9	40·7	40·6	41·9	39·8	43·0	39·8
Humidity of the Air - -	86	88	84	86	90	87	91	79	91	82	83	80	87
Rain-fall in inches - -	0·72	0·83	1·12	1·07	0·49	0·18	0·03	0·55	0·48	0·02	0·02	0·11	0·42
Registered Sunshine (in hours)	12·7	10·9	11·9	12·3	4·5	6·0	1·5	12·2	3·5	8·1	6·5	11·6	11·8

METEOROLOGICAL OBSERVATIONS. (*See* TABLE **1.**)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich: John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FIFTH Week of the Year 1878.

CAUSES OF DEATH.	Average in the Fifth Weeks of the 10 years 1868–77.*	In the Week ending Saturday, February 2, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature	40°·4	36°·2							
ALL CAUSES	1555·7	1703	318	342	128	248	276	320	71
SPECIFIED CAUSES	1549·9	1701	318	342	128	248	276	318	71
I. ZYMOTIC.									
ORDER 1.									
1. Small-pox	40·0	38	6	7	11	12	1	1	–
2. Measles	23·8	56	7	38	10	1	–	–	–
3. Scarlet Fever	39·8	43	2	26	13	2	–	–	–
4. Diphtheria	6·1	9	–	2	6	1	–	–	–
5. Quinsy	·7	1	–	1	–	–	–	–	–
6. Croup	14·4	22	2	18	2	–	–	–	–
7. Whooping-cough	67·6	89	29	56	4	–	–	–	–
8. Typhus	32·4 (Enteric or Typhoid Fev. — Simple continued Fev.)	5	–	–	1	4	–	–	–
— Enteric or Typhoid Fev.		12	–	2	6	3	1	–	–
— Simple continued Fev.		3	–	3	–	–	–	–	–
9. Erysipelas	7·8	3	1	–	–	–	–	1	1
10. Puerperal Fev. (Metria)	5·2	1	–	–	–	1	–	–	–
11. Carbuncle	·5	–	–	–	–	–	–	–	–
12. Influenza	1·1	–	–	–	–	–	–	–	–
13. Dysentery	·6	1	–	–	–	–	–	1	–
14. Diarrhœa	12·1	11	3	2	–	–	2	1	3
15. Simple Cholera	·4	1	–	–	–	–	1	–	–
16. Ague	·6	–	–	–	–	–	–	–	–
17. Remittent Fever	·2	1	–	–	1	–	–	–	–
18. Rheumatism	9·3	9	–	–	3	1	2	3	–
19. Other *Zymotic* Diseases	·2	2	2	–	–	–	–	–	–
ORDER 2.									
1. Syphilis	9·1	5	3	1	–	1	–	–	–
2. Stricture of Urethra	1·9	2	–	–	–	–	2	–	–
3. Hydrophobia	–	–	–	–	–	–	–	–	–
4. Glanders	·2	–	–	–	–	–	–	–	–
ORDER 3.									
1. Privation	1·0	–	–	–	–	–	–	–	–
2. Want of Breast-milk	8·2	14	13	1	–	–	–	–	–
3. Purpura and Scurvy	2·5	4	1	1	–	2	–	–	–
4. Alcoholism { *a* Del. Tremens	1·4	–	–	–	–	–	–	–	–
4. Alcoholism { *b* Intemperance	1·6	2	–	–	–	–	2	–	–
ORDER 4.									
1. Thrush	1·9	3	3	–	–	–	–	–	–
2. Worms, &c.	·1	–	–	–	–	–	–	–	–
II. CONSTITUTIONAL.									
ORDER 1.									
1. Gout	3·0	2	–	–	–	1	–	1	–
2. Dropsy	13·5	3	–	1	–	–	1	1	–
3. Cancer	36·3	42	–	2	1	2	25	12	–
4. Cancrum Oris (Noma)	·3	1	1	–	–	–	–	–	–
5. Mortification	3·3	4	1	–	1	–	–	1	1
ORDER 2.									
1. Scrofula	10·0	9	2	5	1	–	1	–	–
2. Tabes Mesenterica	16·2	13	7	6	–	–	–	–	–
3. Phthisis	173·4	167	1	6	13	99	39	9	–
4. Hydrocephalus	28·5	26	9	16	1	–	–	–	–
III. LOCAL.									
ORDER 1.									
1. Cephalitis	18·9	25	8	11	2	3	1	–	–
2. Apoplexy	43·1	58	6	2	5	3	12	30	–
3. Paralysis	33·9	33	–	1	–	3	10	14	5
4. Insanity	2·6	6	–	–	–	2	1	2	1
5. Chorea	·3	–	–	–	–	–	–	–	–
6. Epilepsy	7·0	7	1	1	–	2	1	2	–
7. Convulsions	57·9	54	34	18	2	–	–	–	–
8. *Brain Disease, &c.*	19·4	25	–	1	–	2	11	9	2
ORDER 2.									
1. Pericarditis	2·9	2	–	–	–	1	1	–	–
2. Aneurism	3·9	3	–	–	–	1	1	1	–
3. *Heart Disease, &c.*	78·3	106	–	2	13	20	28	40	3
ORDER 3.									
1. Laryngitis	9·8	9	3	5	–	1	–	–	–
2. Bronchitis	244·4	280	51	49	3	12	58	93	14
3. Pleurisy	4·7	6	–	–	–	4	2	–	–
4. Pneumonia	88·7	111	23	37	8	15	13	13	2
5. Asthma	16·0	16	–	–	–	–	9	7	–
6. *Lung Disease, &c.*	20·6	26	6	2	2	6	5	3	2

CAUSES OF DEATH.	Average in the Fifth Weeks of the 10 years 1868–77.*	In the Week ending Saturday, February 2, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature	40°·4	36°·2							
ORDER 4.									
1. Gastritis	2·5	2	–	–	1	–	–	1	–
2. Enteritis	5·6	5	4	–	–	–	1	–	–
3. Peritonitis	4·8	7	–	–	2	4	1	–	–
4. Ascites	2·2	–	–	–	–	–	–	–	–
5. Ulceration of Intestines	3·6	3	–	–	1	–	2	–	–
6. Hernia	3·2	6	1	–	–	2	1	2	–
7. Ileus	3·4	2	–	1	–	1	–	–	–
8. Intussusception	1·2	2	–	–	–	–	1	1	–
9. Stricture of Intestines	·7	–	–	–	–	–	–	–	–
10. Fistula	·6	1	–	–	–	–	1	–	–
11. *Stomach Disease, &c.*	4·6	12	2	1	1	1	5	1	1
12. *Pancreas Disease, &c.*	–	–	–	–	–	–	–	–	–
13. Hepatitis	4·3	3	1	–	–	–	–	2	–
14. Jaundice	4·0	5	1	–	–	–	1	2	1
15. *Liver Disease, &c.*	19·5	15	1	–	1	3	6	4	–
16. *Spleen Disease, &c.*	·4	–	–	–	–	–	–	–	–
ORDER 5.									
1. Nephritis	2·2	5	–	–	–	2	1	2	–
2. Ischuria	·5	1	–	–	–	–	–	1	–
3. Bright's Dis. (Nephria)	12·8	18	–	1	–	4	8	3	2
4. Diabetes	2·2	3	–	–	1	1	–	1	–
5. Calculus (Stone)	·6	3	–	–	–	–	–	3	–
6. Cystitis	1·4	1	–	–	–	–	1	–	–
7. *Kidney Disease, &c.*	7·4	7	–	–	1	1	–	5	–
ORDER 6.									
1. Ovarian Dropsy	1·0	2	–	–	–	–	–	2	–
2. *Uterus Disease, &c.*	4·9	–	–	–	–	–	–	–	–
ORDER 7.									
1. Synovitis (Arthritis)	·1	–	–	–	–	–	–	–	–
2. *Joint Disease, &c.*	4·2	7	–	–	2	1	4	–	–
ORDER 8.									
1. Phlegmon	3·6	5	–	–	2	1	2	–	–
2. Ulcer	1·6	1	–	–	–	1	–	–	–
3. *Skin Disease, &c.*	1·3	1	–	–	–	–	–	1	–
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth	22·7	24	24	–	–	–	–	–	–
2. Cyanosis	2·4	5	5	–	–	–	–	–	–
3. Spina Bifida	1·7	1	1	–	–	–	–	–	–
4. Other Malformations	1·2	–	–	–	–	–	–	–	–
5. Teething	15·7	10	5	5	–	–	–	–	–
ORDER 2.									
1. Paramenia	·2	–	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever)	6·1	8	–	–	1	6	1	–	–
ORDER 3.									
1. Old Age	59·7	61	–	–	–	–	–	29	32
ORDER 4.									
1. Atrophy and Debility	57·7	51	38	7	–	–	–	6	–
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	16·7	16	–	1	1	5	3	5	1
2. Wounds { Gunshot	·5	–	–	–	–	–	–	–	–
2. Wounds { Cut, Stab		–	–	–	–	–	–	–	–
3. Burns and Scalds	7·1	10	–	3	5	–	1	1	–
4. Poison	1·2	–	–	–	–	–	–	–	–
5. Drowning	4·5	8	–	–	–	5	3	–	–
6. Suffocation	11·0	12	9	–	–	2	1	–	–
7. Otherwise	2·9	1	–	–	–	1	–	–	–
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	2·3	1	1	–	–	–	–	–	–
ORDER 4. (SUICIDE.)									
1. Wounds { Gunshot	·2	–	–	–	–	–	–	–	–
1. Wounds { Cut, Stab	·7	2	–	–	–	–	2	–	–
2. Poison	·8	1	–	–	–	1	–	–	–
3. Drowning	1·1	1	–	–	–	1	–	–	–
4. Hanging	·9	–	–	–	–	–	–	–	–
5. Otherwise	·6	1	–	–	–	–	–	1	–
ORDER 5. (EXECUTION.)									
1. Hanging	–	–	–	–	–	–	–	–	–
Sudden Deaths (Cause unascertained)	1·0	–	–	–	–	–	–	–	–
Causes not specified or ill-defined	4·8	2	–	–	–	–	–	2	–

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLE
during the Week endi

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public
LONDON - - -	3,254,260	2560	1703	318	391	38	56	43	9	89	5	12	3	11	53	95	32
WEST DISTRICTS - - - -	561,359	401	295	62	71	1	8	7	3	12	1	3	1	-	7	16	46
NORTH DISTRICTS - - -	751,729	544	369	58	99	24	3	13	4	11	-	4	-	1	8	16	83
CENTRAL DISTRICTS - - -	334,369	174	135	22	30	-	4	3	-	7	1	2	1	1	7	13	23
EAST DISTRICTS - - - -	639,111	547	344	65	77	5	13	8	-	16	-	-	1	4	14	22	71
SOUTH DISTRICTS - - - -	967,692	894	560	111	114	8	28	12	2	43	3	3	-	5	17	28	101
WEST DISTRICTS.																	
St. Mary Paddington *WH* - - -	58728	54	34	6	7	-	3	2	-	1	-	1	-	-	2	2	1
St. John Paddington *H* - - -	38085	15	12	2	4	-	1	-	-	-	-	-	-	-	-	-	4
Kensington Town *W* - - - -	91645	74	58	18	7	-	1	2	2	1	1	-	1	-	-	3	6
Brompton *H* - - - - -	28654	22	10	1	-	-	-	1	-	-	-	-	-	-	1	2	2
St. Peter Hammersmith - - -	6662	3	4	2	-	-	-	-	-	-	-	-	-	-	-	1	-
St. Paul Hammersmith *H* - - -	36029	48	18	4	6	-	-	-	1	-	-	-	-	-	-	-	-
Fulham *WwH* - - - - -	23350	33	19	5	4	-	-	1	-	3	-	-	-	-	1	1	4
Chelsea South *HHH* - - - -	26420	14	13	2	4	-	-	-	-	2	-	1	-	-	-	2	-
Chelsea North-west *WHHHH* - -	22926	22	19	5	2	-	-	-	-	-	-	-	-	-	-	2	3
Chelsea North-east - - - -	21392	14	4	2	-	-	-	1	-	-	-	-	-	-	-	1	-
Hanover Square *H* - - - -	18698	9	6	1	3	-	-	-	-	1	-	-	-	-	1	1	-
May Fair *WW* - - - - -	13358	7	3	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Belgrave *HH* - - - - -	57972	27	27	3	7	1	-	-	-	-	-	-	-	-	-	-	4
St. John Westminster *HH* - - -	38478	27	11	3	3	-	-	-	-	2	-	1	-	-	-	-	-
St. Margaret Westminster *WH* - -	27781	16	24	1	14	-	2	-	-	2	-	-	-	-	2	1	15
Golden Square *WH* - - - -	12860	6	11	1	4	-	-	-	-	-	-	-	-	-	-	-	6
Berwick-street *H* - - - -	20759	5	11	2	4	-	-	-	-	-	-	-	-	-	-	-	-
St. Anne Soho *HHHHH* - - -	17562	5	11	4	2	-	1	-	-	-	-	-	-	-	-	-	-
NORTH DISTRICTS.																	
All Souls Marylebone *HHHH* - -	28579	18	14	1	4	-	-	-	-	1	-	-	-	-	-	-	8
Cavendish Square *HH* - - -	15425	9	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone *WH* - - -	26384	19	20	-	10	-	-	-	-	-	-	-	-	-	-	-	9
St. Mary Marylebone *HHH* - -	21786	23	6	-	3	-	-	-	-	-	-	-	-	-	1	-	-
Christchurch Marylebone *H* - -	33944	14	13	6	2	-	-	-	-	-	-	-	-	-	-	-	1
St. John Marylebone *H* - - -	33136	20	11	-	3	-	-	-	-	-	-	-	-	-	-	-	-
Hampstead *WwHH* - - - -	32281	10	19	4	3	7	-	-	2	-	-	-	-	1	-	-	8
Regent's Park Pancras - - -	38200	18	10	-	5	-	-	-	-	-	-	-	-	-	-	-	-
Tottenham-court *wHHH* - - -	29370	8	17	3	4	-	-	-	-	-	-	-	-	-	-	1	4
Gray's Inn Lane *HHH* - - -	29221	15	8	1	1	1	-	-	-	-	-	-	-	-	-	1	-
Somers Town - - - - -	38533	33	13	1	6	-	-	1	-	1	-	-	-	-	-	-	-
Camden Town *WH* - - - -	17943	14	14	1	9	-	-	-	-	-	-	-	-	-	-	-	8
Kentish Town *w* - - - - -	68198	74	24	6	5	-	-	1	-	1	-	-	-	-	2	2	4
Islington West *HHH* - - - -	97820	82	56	9	12	4	2	4	1	3	-	-	-	-	1	4	6
Islington East *WwwH* - - -	115958	101	61	11	19	-	-	4	-	3	-	2	-	-	1	3	18
Stoke Newington *H* - - - -	9841	10	3	1	-	-	-	-	-	-	-	-	-	-	1	1	-
Stamford Hill - - - - -	6598	5	3	1	1	-	-	-	-	-	-	-	-	-	1	1	-
West Hackney - - - - -	28069	20	18	4	3	-	-	-	-	2	-	-	-	-	-	-	-
Hackney *WwwHL* - - - -	50104	33	42	4	8	12	1	-	1	-	-	1	-	-	-	2	21
South Hackney - - - - -	30339	18	15	5	1	-	-	3	-	-	-	1	-	-	1	1	-
CENTRAL DISTRICTS.																	
St. George Bloomsbury - - -	17853	10	4	2	-	-	-	-	-	1	-	-	-	-	1	1	-
St. Giles South *WH* - - - -	19109	18	9	2	2	-	-	-	-	1	-	1	-	-	-	1	2
St. Giles North - - - - -	16594	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Long Acre - - - - - -	11379	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Charing Cross *HH* - - - -	9859	5	6	-	2	-	-	-	-	-	-	-	-	-	1	1	3
St. Mary-le-Strand - - - -	9378	6	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes *H* - - - -	10723	4	7	1	1	-	-	-	-	1	-	-	-	-	-	-	5
St. George-the-Martyr *HHHHH* -	20521	11	9	2	4	-	-	1	-	1	-	-	-	-	-	-	-
St. Andrew Eastern *W* - - -	13529	3	12	1	2	-	-	-	-	-	1	-	-	-	-	1	6
Saffron Hill *H* - - - - -	9066	5	5	1	2	-	2	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell *W* - - -	18917	12	11	3	2	-	-	-	-	-	-	-	-	1	-	1	1
Amwell Clerkenwell - - - -	16884	5	5	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Pentonville - - - - - -	13337	10	9	2	1	-	1	-	-	1	-	-	-	-	1	3	-
Goswell-street - - - - -	16242	14	2	1	1	-	-	-	-	1	-	-	-	-	-	-	-
Old-street *H* - - - - -	12161	8	6	1	-	-	-	1	-	1	-	-	1	-	-	-	-
City-road *HHL* - - - - -	18301	13	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Whitecross-street - - - - -	13792	8	5	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Finsbury - - - - - -	10741	6	4	1	1	-	-	-	-	-	-	1	-	-	1	1	-
St. Botolph East London *H* - -	14540	8	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Cripplegate - - - - - -	13638	4	5	1	1	-	-	-	-	-	-	-	-	-	1	1	-
St. Sepulchre *H* - - - - -	7562	2	11	-	4	-	-	-	-	-	-	-	-	-	2	3	6
St. Bride *W* - - - - - -	11185	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard - - - - -	4426	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch - - - - -	6270	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe - - - - - -	4753	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking - - - -	5764	-	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Broad-street *H* - - - - -	7845	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: *W*—Workhouse *H*—Hospital; —Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see not at the foot of next page.

FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT Saturday, 2nd February 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
Holywell Shoreditch	12430	8	4	-	2	-	-	-	-	-	-	-	-	-	1	1	-
St. Leonard Shoreditch *HL*†	16545	10	11	4	1	-	-	2	-	1	-	-	-	-	-	1	2
Hoxton New Town *w*	27835	20	11	1	1	-	-	-	-	2	-	-	-	-	-	-	-
Hoxton Old Town	26933	24	8	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Haggerston* *WH*	43421	38	30	6	11	-	-	1	-	-	-	-	-	-	1	1	13
Hackney-road *H*	29822	13	9	1	-	-	-	-	-	1	-	-	-	-	-	-	-
Green, Bethnal Green *WHL*†	42433	34	32	5	10	2	-	-	-	2	-	-	-	-	1	1	13
Church, Bethnal Green	26577	23	12	1	3	-	-	1	-	-	-	-	-	-	-	1	-
Town, Bethnal Green	21272	16	8	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Spitalfields *H*	22499	15	8	2	2	-	-	-	-	1	-	-	-	-	-	-	1
Mile End New Town *W*	15550	21	14	2	7	-	-	-	-	-	-	-	-	-	-	1	9
Whitechapel North	11597	7	6	2	1	-	-	-	-	-	-	-	-	-	-	1	-
Whitechapel Church *H*	7322	5	16	1	4	-	-	-	-	-	-	-	-	-	5	6	13
Goodman's Fields	10381	6	9	2	1	-	-	-	-	2	-	-	-	1	-	-	-
Aldgate	9224	6	2	-	1	-	1	-	-	-	-	-	-	-	-	-	-
St. Mary St. George East	17900	13	8	3	-	-	-	-	-	-	-	-	-	1	-	-	-
St. Paul St. George East	21350	16	7	5	1	-	1	-	-	2	-	-	-	-	-	-	-
St. John St. George East *W*	8802	8	7	-	-	-	-	1	-	1	-	-	-	-	-	-	4
Shadwell *H*	11640	8	8	3	-	-	-	-	-	-	-	-	-	-	-	1	2
Ratcliff	16131	14	6	2	2	-	-	-	-	-	-	-	-	-	1	1	-
Limehouse	29919	27	12	4	3	-	-	-	-	-	-	-	-	-	-	-	-
Mile End Old Town Western	38128	24	13	1	3	-	1	-	-	-	-	-	-	-	-	1	-
Mile End Old Town Eastern *WwwH*	55024	47	37	6	7	1	4	-	-	3	-	-	1	-	1	2	3
Bow *wwwH*	67765	96	48	7	10	2	4	3	-	1	-	-	-	1	2	2	11
Poplar *WW*	48611	48	18	4	3	-	2	-	-	-	-	-	-	1	2	2	-
SOUTH DISTRICTS.																	
Christchurch Southwark *WH*	14573	10	8	1	-	-	-	-	-	-	-	-	-	-	1	1	1
St. Saviour Southwark *H*	15677	11	5	2	-	-	-	-	-	-	-	-	-	-	1	1	-
Kent-road	20421	17	13	1	1	-	1	-	-	3	-	-	-	-	-	2	-
Borough-road *WH*	16695	10	6	1	2	-	-	1	-	-	-	-	-	-	-	1	1
London-road *HL*	18961	14	10	1	2	-	-	-	-	2	-	-	-	-	-	-	2
Trinity Newington	23682	28	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Peter Walworth *W*	48248	62	35	6	7	-	-	-	-	2	-	-	-	-	-	-	11
St. Mary Newington	16792	19	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Olave Southwark *H*	4373	-	12	-	3	-	-	2	-	-	-	-	-	-	2	2	10
St. John Horsleydown *W*	10500	10	5	1	-	-	-	-	-	-	-	-	-	-	1	3	-
Leather Market	16787	20	9	-	-	-	-	-	-	-	-	-	-	-	-	1	-
St. Mary Magdalen *W*	15709	16	21	3	8	-	-	-	-	5	-	-	-	-	-	1	7
St. James Bermondsey	47933	42	21	7	-	-	-	3	-	6	-	-	-	-	-	1	-
Rotherhithe *W*	27096	22	28	2	5	-	3	-	-	7	-	-	-	-	-	-	3
Waterloo-road 1st *H*	14074	13	7	3	-	-	-	-	-	-	-	-	-	1	-	-	-
Waterloo-road 2nd *H*	18465	12	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Lambeth Church 1st *H*	19492	19	14	1	1	-	-	-	2	1	-	1	-	-	2	3	8
Lambeth Church 2nd *WW*	35833	42	32	4	12	-	1	-	-	3	-	-	-	1	-	-	10
Kennington 1st	41286	33	14	2	4	-	-	-	-	-	-	-	-	-	-	-	-
Kennington 2nd	31221	23	18	3	3	1	2	1	-	3	-	-	-	-	-	-	-
Brixton *w*	35435	37	32	5	4	7	2	1	-	2	2	2	-	-	-	-	8
Norwood *W*	12536	8	4	1	-	-	-	-	-	1	-	-	-	-	-	-	-
Clapham *H*	27347	16	9	3	4	-	-	-	-	-	-	-	-	-	-	-	-
Battersea *Ww*	54016	81	35	10	9	-	1	-	-	-	-	-	-	-	-	-	5
Wandsworth *HL*	19783	17	11	2	5	-	-	-	-	-	-	-	-	1	-	1	3
Putney	9439	9	3	-	2	-	-	-	-	-	-	-	-	-	1	1	-
Streatham	14475	11	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Dulwich	4041	1	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Camberwell *WL*†*L*†	31254	24	22	7	3	-	3	1	-	2	-	-	-	-	-	-	10
Peckham *W*	42160	46	28	12	6	-	-	-	-	2	-	-	-	1	2	2	-
St. George Camberwell	33851	43	20	8	2	-	2	-	-	1	-	-	-	1	2	3	-
St. Paul Deptford *w*	53714	58	19	4	3	-	5	1	-	-	-	-	-	-	2	2	-
St. Nicholas Deptford	6474	7	5	-	1	-	2	-	-	1	-	-	-	-	-	-	-
Greenwich West	21034	9	7	2	2	-	1	-	-	-	-	-	-	-	-	-	-
Greenwich East *WH*	19378	9	24	2	8	-	5	1	-	-	1	-	-	-	1	1	14
Eltham *H*	4539	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lee	16440	9	6	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Lewisham Village *WH*	11513	13	11	2	2	-	-	-	-	-	-	-	-	-	-	-	2
Sydenham *H*	19065	14	7	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Charlton *H*	9564	2	2	-	-	-	-	-	-	-	-	-	-	-	1	1	-
Woolwich Dockyard	17226	13	8	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Woolwich Arsenal *WHH*	18331	10	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Plumstead West	13027	10	8	1	3	-	-	-	-	-	-	-	-	-	-	-	-
Plumstead East *W*	15232	20	16	6	4	-	-	-	-	2	-	-	-	-	1	1	6

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the above Table by *w*:—

Central London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary " " "
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.
London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

* The two sub-districts of Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston sub-district.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 2nd February 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
	LONDON—OUTER RING	368,414	631,381	502	287	68	79	3	3	6	4	6	6	-	5	9	27
29 : 1	Carshalton *wL* - - -	12228	13523	15	9	2	5	-	-	-	-	-	-	-	-	-	2
2	Epsom (*part of*) * *WH* -	9971	9145	3	4	1	1	-	-	-	-	-	-	-	-	-	-
36 : 1	Godstone (*part of*) * - -	2754	900	1	-	-	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	51	28	7	6	1	-	-	1	-	-	-	-	-	3
2	Mitcham *WH* - - -	11697	12534	5	5	1	3	-	-	-	-	-	-	-	1	1	-
38 : 1	Wimbledon *HH* - - -	3220	9087	10	4	-	3	-	-	-	-	-	-	-	-	-	-
2	Kingston *WH* - - -	8549	27489	24	13	5	4	-	1	-	-	-	-	-	-	-	3
3	Esher (*part of*) * - -	6601	7353	2	4	-	1	-	-	-	-	1	-	-	-	-	-
4	Hampton - - - -	4573	10185	10	3	1	2	-	-	-	-	-	-	-	-	-	-
39 : 1	Richmond *WH* - - -	2271	16829	11	11	3	4	-	-	1	-	-	-	-	-	-	1
2	Mortlake - - - -	2961	9316	5	-	-	-	-	-	-	-	-	-	-	-	-	-
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	15	10	3	3	-	-	-	-	-	-	-	-	-	-
2	Chislehurst (*part of*) * *W* -	13665	10028	7	3	-	2	-	-	-	-	-	-	-	-	1	-
41 : 1	Bexley *H* - - - -	13439	19566	11	3	1	-	-	-	-	-	-	-	-	1	1	-
123 : 1	Sunbury *W* - - -	11055	9860	8	3	-	-	-	-	-	-	-	-	-	-	-	1
2	Staines *W* - - - -	13277	10339	8	3	-	-	-	-	-	-	-	-	-	-	1	-
124 : 1	Hillingdon *WH* - - -	6029	9712	4	6	2	2	-	-	-	-	1	1	-	-	-	1
2	Uxbridge - - - -	6178	5329	5	3	2	1	-	-	-	-	-	-	-	-	-	-
3	Hayes *WL* - - - -	14587	10497	5	7	1	4	-	-	-	-	-	-	-	-	-	5
125 : 1	Isleworth *W* - - -	7008	19930	16	8	-	-	-	-	1	-	-	2	-	-	-	2
2	Twickenham - - -	2477	10533	7	2	1	-	-	-	-	-	-	-	-	-	-	-
3	Brentford *HL* - - -	4370	20279	8	9	4	-	-	-	-	-	1	-	-	1	1	-
4	Chiswick - - - -	1311	8508	11	7	5	-	-	-	1	1	-	-	-	-	-	-
5	Acton *WH* - - - -	6087	12683	11	3	1	-	-	-	-	-	-	-	-	-	-	-
126 : 1	Harrow *H* - - - -	13809	10869	10	6	1	3	-	-	-	-	-	-	-	-	1	-
2	Edgware *H* - - -	6994	3450	2	2	2	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	16	4	1	1	-	-	-	-	1	-	-	-	-	-
4	Hendon *WH* - - -	8382	6972	7	6	3	1	-	-	-	-	1	-	-	1	1	-
127 : 1	South Mimms - - -	15419	5924	2	1	-	-	-	-	-	-	-	-	-	-	-	-
2	Barnet *W* - - - -	5423	7752	3	2	1	-	-	-	-	-	-	-	-	-	-	-
3	Finchley *L* - - - -	4688	11493	6	4	1	1	-	-	-	-	-	-	-	-	-	-
128 : 1	Hornsey *H* - - - -	3039	19357	21	11	2	-	-	-	-	-	-	2	-	-	-	-
2	Tottenham *H* - - -	4642	22869	15	7	1	4	-	-	-	-	-	1	-	-	-	-
3	Edmonton *WW* - - -	7483	13860	6	21	2	10	-	-	-	-	-		-	1	1	7
4	Enfield *WH* - - -	12653	16054	9	9	2	2	-	-	-	1	-	-	-	-	-	1
5	Waltham Abbey - - -	11017	5197	4	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	4	4	-	1	-	-	-	1	-	-	-	-	-	-
134 : 1	Hatfield (*part of*) * - -	3180	559	2	-	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	10	3	1	-	-	-	-	-	-	-	-	-	-	-
185 : 1	Stratford - - - -	882	23286	29	12	3	-	-	-	1	-	1	-	-	-	1	-
2	West Ham *WWWW* - -	7345	44642	70	30	7	7	2	2	-	-	-	-	-	-	-	1
3	Leyton *WW* - - -	4274	15513	11	7	-	4	-	-	1	-	-	-	-	-	-	-
4	Walthamstow *H* - -	6619	15701	9	4	-	2	-	-	1	-	-	-	-	-	-	-
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	1	3	-	2	-	-	-	-	-	-	-	-	-	-
188 :	Romford (*part of*) * - -	6730	2879	2	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford - - - - -	8492	5947	3	1	-	-	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	7	2	1	-	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:—29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903); 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoidon-Bois (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 2nd February 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	Annual Rate of Mortality per 1000 living.		Deaths from all Causes.	The Deaths registered in the Week include										
						Deaths of		Deaths from								Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	
GREATER LONDON	446,494	4,450,015	23·3	3·4	1990	386	470	41	59	49	13	95	26	11	58	351
INNER LONDON -	78,080	3,577,304	24·8	3·9	1703	318	391	38	56	43	9	89	20	11	53	324
OUTER RING -	368,414	872,711	17·2	1·7	287	68	79	3	3	6	4	6	6	–	5	27

NOTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 697·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,706,043 Persons.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	December 29	–	369	44·8	Fevers 129; cholera 17.
BOMBAY - -	644,405	January	–	–	–	—
MADRAS - -	397,552	December 14	–	–	–	—
PARIS - - -	1,988,806	January 31	–	1019	26·6	Typhoid fever 22; diphtheria 33; measles 24.
GENEVA - -	68,792	„ 26	43	42	31·9	Diphtheria and croup 2.
BRUSSELS - -	175,782	„ 26	106	103	30·6	Measles 6.
AMSTERDAM -	289,981	„ 26	192	155	27·9	Whooping-cough 8.
ROTTERDAM -	142,585	„ 26	120	89	32·5	Measles 5.
THE HAGUE -	107,896	„ 26	83	55	26·5	—
COPENHAGEN -	220,000	„ 22	152	95	22·5	Diphtheria 2.
STOCKHOLM -	146,845	„ 19	–	74	26·2	Scarlet fever 2.
CHRISTIANIA -	81,000	„ 26	92	25	16·1	—
ST. PETERSBURGH	669,741	„ 12	–	653	50·7	Small-pox 7; fevers 85.
BERLIN - -	1,019,620	„ 12	869	476	24·3	Scarlet fever 13; diphtheria 15.
HAMBURG (State)	393,588	„ 19	–	–	–	—
DRESDEN - -	207,845	„ 19	140	78	19·5	Scarlet fever 5; diphtheria and croup 4.
BRESLAU - -	267,000	„ 26	216	96	18·7	—
MUNICH - -	220,000	„ 26	159	154	36·0	Diphtheria and croup 4; typhoid fever 4.
VIENNA - -	727,271	„ 26	536	408	29·2	Small-pox 6; diphtheria 26.
BUDA-PESTH -	319,530	„ 19	229	240	39·1	Small-pox 5; typhus and typhd. fev. 9; diph. 8.
ROME - - -	280,564	December 15	144	153	28·5	Small-pox 4; diphtheria and croup 9.
NAPLES - -	454,948	„ 30	–	367	42·1	Diphtheria 4; croup 5; typhus 3.
TURIN - -	227,843	January 12	141	160	36·6	Typhus and typhoid fever 5.
VENICE - -	139,796	„ 26	59	87	32·5	—
ALEXANDRIA -	212,034	„ 24	192	211	51·9	Whooping-cough 11.
NEW YORK -	1,084,528	„ 5	–	503	23·9	Scarlet fever 22; diphtheria 20.
BROOKLYN -	549,438	„ 5	–	200	18·9	Scarlet fever 18; diphtheria 11.
PHILADELPHIA	876,118	„ 12	–	302	18·0	Scar. fev. 14; diphth. 15; typhoid fever 7.
BOSTON - -	363,000	„ 5	–	140	20·0	Diphtheria 6.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 2nd FEBRUARY, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit)	Readings of Thermometers. Dry. High-est.	Low-est.	Range in day.	Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Great-est.	Least.	Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	P.M.	Pressure on square foot. Great-est.	Least.	Mean of 24 Obs	Robinson's. Amount of Horizontal Movement of Air each day.	Depart-ure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
JANUARY.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN.	27	..	29·890	39·6	29·9	9·7	35·5	31·8	47·2	25·3	42·5	40·3	3·7	7·4	0·0	— 2·6	86	SW. & SE.	SSE.	2·6	0·0	0·1	151	—179	0·02	1·7
MON.	28	..	29·597	42·5	33·3	9·2	38·3	36·7	45·9	28·5	42·1	40·1	1·6	5·0	0·0	+ 0·1	94	S. & SSW.	NNW. & NW.	3·7	0·0	0·5	355	+ 24	0·39	6·3
TUES.	29	Greatest Dec. S.	29·938	40·3	30·7	9·6	35·6	31·1	61·2	25·7	41·7	39·3	4·5	7·4	3·0	— 2·7	84	W.&WNW.	NW. & NNW.	1·6	0·0	0·1	269	— 64	0·00	0·0
WED.	30	..	30·116	39·5	29·7	9·8	34·5	29·6	73·2	21·0	40·8	38·8	4·9	9·2	2·3	— 3·9	82	NNW. N. & NNE.	NNE.	1·4	0·0	0·1	209	—127	0·00	0·0
THURS	31	..	30·317	39·4	31·0	8·4	35·2	31·3	61·5	24·9	40·8	38·3	3·9	8·0	2·2	— 3·3	86	NNE.	N. & NNE.	2·1	0·0	0·1	265	— 78	0·00	3·0
FEBRUARY.																										
FRI.	1	..	30·334	41·4	29·9	11·5	35·7	29·2	68·3	26·4	39·3	36·8	6·5	11·3	2·0	— 2·9	77	NNE. & N.	N. & NNW.	0·5	0·0	0·0	153	—196	0·00	0·0
SAT.	2	New	30·202	42·8	32·7	10·1	38·4	37·7	51·3	28·0	39·3	36·8	0·7	4·2	0·0	— 0·3	97	W. & N.	N.	1·3	0·0	0·1	190	—162	0·01	1·0
MEANS		..	30·056	40·8	31·0	9·8	36·2	32·5	58·4	25·7	40·9	38·6	3·7	7·5	1·4	— 2·2	87	N.		..	..	..	Sum 1592	Sum —782	Sum 0·42	1·7
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. JANUARY.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY	27	The electrical apparatus was not in action throughout the week.	0·0	8·8	Overcast. Occasional rain.
MONDAY	28		0·0	8·9	Overcast with heavy rain till afternoon, fine at night. [A slight shock of an earthquake was felt in the vicinity at 11.40h. A.M.]
TUESDAY	29		2·2	8·9	Hoar frost in morning. Fine and partially cloudy during day; cloudless at night.
WEDNESDAY	30		3·6	9·0	Hoar frost in morning. Fine; partially cloudy.
THURSDAY	31		2·3	9·0	Generally cloudy.
FEBRUARY.					
FRIDAY	1		3·7	9·1	Generally cloudy.
SATURDAY	2		0·0	9·2	Overcast. Occasional thin rain.
..		..	Sum 11·8	Sum 62·9	
No. of Col.		28	29	30	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and — "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 29·93 in. at the beginning of the week to 29·95 in. by 9h. A.M. on the 27th; decreased to 29·54 in. by noon on the 28th of January; increased to 30·40 in. by 9h A.M. on the 1st of February; decreased to 30·18 in. by 3h. P.M. on the 2nd; and increased to 30·22 in. by the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
11th February, 1878.

United Kingdom.

During last week 6139 *births* and 4305 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The natural increase of population was 1834. The mortality from all causes was at the average rate of 27 deaths annually in every 1000 persons living. The annual death-rate was 28 per 1000 in Edinburgh, 30 in Glasgow, and 33 in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Hull 18, Portsmouth 19, Bristol 19, Bradford 20, Sunderland 21, Leicester 22, Leeds 23, Sheffield 24, Newcastle 25, Brighton 25, Oldham 25, London 26, Wolverhampton 27, Birmingham 28, Nottingham 28, Liverpool 30, Salford 31, Manchester 31, Plymouth 33, and the highest rate 41 in Norwich. The annual death-rate from the seven principal zymotic diseases averaged 3·9 per 1000 in the twenty towns, and ranged from 0·8 and 1·0 in Portsmouth and Leeds, to 5·8 and 9·9 in Oldham and Plymouth. In Oldham the zymotic fatality was principally confined to the Below-Town sub-district; and in Plymouth it was mainly due to the epidemic prevalence of whooping-cough.

London.

In London 2584 births and 1813 deaths were registered. Allowing for increase of population, the births were 10 below, whereas the deaths exceeded by 138, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 27·2 and 24·8 per 1000, rose again last week to 26·4. During the past six weeks of the current quarter the metropolitan death-rate has averaged 26·6 per 1000, against 24·6, during the same period, in the nineteen large English provincial towns.

The 1813 deaths included 55 from small-pox, 40 from measles, 37 from scarlet fever, 10 from diphtheria, 114 from whooping-cough, 28 from different forms of fever, and 22 from diarrhœa; thus to the seven principal diseases of the zymotic class 306 deaths were referred, against 304 and 266 in the two preceding weeks. These 306 deaths exceeded by 68 the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 4·5 per 1000. Whooping-cough continues to be the most fatal zymotic disease in London, and caused 114 deaths last week, against 117 and 89 in the two preceding weeks, including 54 in the South group of districts; 7 occurred in Hammersmith and Fulham, 10 in Islington, 11 in Newington, 13 in Lambeth, 6 in Camberwell, and 6 in Plumstead. Of the 40 deaths from measles, showing a further decline from the numbers in recent weeks, 4 occurred in Islington, 3 in Newington, 6 in Camberwell, and 4 in Greenwich and Deptford. The 37 deaths from scarlet fever included 9 in Islington, 3 in Clerkenwell, 3 in Bethnal Green, 4 in Newington, and 3 in Deptford and Greenwich. The 10 fatal cases of diphtheria included 2 in South Hackney. The deaths referred to fever, which had been 32 and 20 in the two preceding weeks, rose again last week to 28, and were but 5 below the corrected average; 3 were fatal cases of typhus, 21 of enteric or typhoid, and 4 of simple continued fever. The three deceased typhus patients had resided:—at 2, Gloster Street, Limehouse; at 52, Osprey Street, Rotherhithe; and in Church Street, Rotherhithe. The 21 fatal cases of enteric fever included 3 in Pancras, 2 in Hackney, 2 in Greenwich, and 2 in Lewisham.

The deaths from small-pox were more numerous than they have been since June last. They amounted to 55, whereas in nineteen large provincial towns, with an aggregate population slightly exceeding that of London, not a single fatal case was recorded. This difference is not accidental. There must be something radically wrong in the treatment of the epidemic. Is the Vaccination Act steadily carried out? Have the cases said to be vaccinated been effectively vaccinated? Is the

isolation of patients during and after attack carefully carried out? There are hospitals, and yet people die of small-pox in these exceptional numbers.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which at the beginning of October last had declined to 137, steadily increased to 542 on Saturday 2nd instant, and were 536 on Saturday last; 127 new cases were admitted to these hospitals during last week, against 126 and 146 in the two preceding weeks. The Highgate Small-pox Hospital contained 57 patients on Saturday last; in the six preceding weeks the numbers had steadily increased from 26 to 56.

The deaths referred to diseases of the respiratory organs, which had been 541, 455, and 448 in the three previous weeks, rose again to 502 last week, and exceeded the corrected weekly average by 85; 327 resulted from bronchitis.

Different forms of violence caused 48 deaths; 40 were the result of negligence or accident, including 18 from fractures and contusions, 7 from burns and scalds, 4 from drowning, and 9 of infants under one year of age from suffocation. The 19 deaths from fractures and contusions, including one case from manslaughter, were thus caused:—males aged 23 and 53, thrown from carts; males 10 and 52, run over by cabs; male 25, fell from a van; female 72, run over; males 23 and 50, run over on railways; male 45, kicked by a horse in stable; females 19, 36, and 45, and male 65, fell down stairs; female 38, fell upon steps; male 56, fell from scaffold; female 59, fell down lift hole; male 44, by fall (nature not stated); female 86, fracture of thigh; and male 66, fractured leg, amputation. An inquest was held in each of these 19 cases, except the last two, which were certified by registered medical practitioners.

Greater London.

In the Greater London 3181 births and 2136 deaths were registered, equal to annual rates of 37·3 and 25·0 per 1000 of the population. In the Outer Ring, 3 fatal cases of small-pox were registered in West Ham, one in Kingston, one in Chislehurst, and one in Acton registration sub-districts. Three deaths from measles and 2 from diphtheria, were recorded in Croydon.

Dr. Frankland reports as the result of his analyses of the waters supplied to the Metropolis and some of its suburbs during January, that taking unity to represent the average amount of organic impurity in a given volume of the Kent Company's water during the last nine years, the proportional amount of such impurity in an equal volume of water supplied by each of the other Companies, and by the Tottenham Local Board, was:—Tottenham 1·1, Colne Valley 1·1, Kent 1·7, New River 3·4, East London 3·9, Lambeth 4·5, Southwark 5·2, Chelsea 5·2, West Middlesex 5·9, and Grand Junction 6·3; the proportion in the Grand Junction water, after filtration through spongy iron, was reduced to 2·2. The water delivered by the five Companies drawing their supply from the Thames was again "much polluted by organic matter, and quite unfit for dietetic purposes," although subjected to efficient filtration before delivery. The proportion of organic matter was reduced to about one-third, and the hardness to little more than one-half, of its original amount by filtration through spongy iron. The Lea water, though efficiently filtered by the New River and East London Companies, was considerably polluted by organic matter in solution. The waters supplied by the Kent and Colne Valley Companies, and by the Tottenham Local Board, furnished the only samples of good water examined during the month; drawn from deep wells in the chalk these waters were of the usual excellent quality. The Colne Valley water had been softened previously to delivery.

Dr. Hill reports that the water supplied to Birmingham was clear, and that the organic nitrogen, though higher than it had been for the last ten months, was lower than in the corresponding month of last year. The water supplied to Glasgow from Loch Katrine is reported by Dr. Mills as "of a light brown colour, and containing "muddy particles and a few flakes."

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 43, Bombay 41, Madras 89; Paris 28; Geneva 33; Brussels 30; Amsterdam 26, Rotterdam 31, The Hague 26; Copenhagen 22; Stockholm 21; Christiania 18; St. Petersburgh 53; Berlin 26, Hamburg 29, Dresden 25, Breslau 24, Munich 35; Vienna 32; Buda-Pesth 45, Rome 28, Naples 41, Turin 33; New York 27, Brooklyn 20, Philadelphia 19, and Boston 21. The 129 deaths from fever in St. Petersburgh included 79 cases of enteric, 23 of typhus, and 27 of relapsing fever.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30·34 in.; the highest reading was 30·45 in. on Thursday morning, and the lowest 30·00 in. at the end of the week. The mean temperature of the *air* was 35°·1, and 3°·9 below the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed an excess on the first two days, while it was considerably below the average during the remainder of the week; on Sunday, 3rd instant, the mean was 40°·9, and in excess by 2°·1, while on Friday it fell to 30°·9, and was 8°·2 below the average. The lowest night temperature was 25°·1 on Friday, and the highest day temperature in the shade 43°·1 on Sunday; the extreme range in the week was, therefore, 18°·0. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 65°·3 on Friday. The difference between the mean *dew-point* and *air* temperature averaged 2°·3. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 38°·1. The mean degree of *humidity* of the air was 92, complete saturation being represented by 100; the air was therefore damp. The direction of the *wind* was variable, and the horizontal movement of the air averaged 5·2 miles per hour, which was 9·6 below the average in the corresponding week of 16 years. *Rain* fell on three days of the week, to the aggregate amount of 0·05 of an inch. The duration of registered sunshine in the week was 3·8 hours, the sun being above the horizon during 65·7 hours; the recorded duration of sunshine was, therefore, equal to 5·8 per cent. of its possible duration.

The Registrar General has to acknowledge the courtesy of the London Water Companies who have furnished him with the average daily quantity of Water supplied during the month of January 1878; according to their returns 117,475,799 gallons or 533,746 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 217 gallons (98·6 decalitres), rather less than a *ton* by weight, to each house, and 30·6 gallons (13·9 decalitres) to each person, against 29·8 gallons during January 1877.

Companies.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons (including that for Manufactures and for various purposes other than for domestic consumption) during the Month of	
	January 1877.	January 1878.	January 1877.	January 1878.
Total Supply . . .	530,464	541,265	112,205,619	117,475,799
From Thames	247,965	254,512	56,521,086	58,480,063
From Lea and from other Sources . .	282,499	286,753	55,684,533	58,995,736
Thames.				
Chelsea	28,737	28,859	6,869,000	7,439,200
West Middlesex	48,762	50,200	9,290,314	8,986,942
Southwark and Vauxhall . . .	77,800	79,567	17,500,000	18,100,000
Grand Junction	37,055	37,910	10,858,962	11,012,121
Lambeth	55,611	57,976	12,002,800	12,941,800
Lea and other Sources.				
New River	125,100	126,178	25,192,000	26,198,000
East London	111,967	115,143	23,902,000	26,033,800
Kent	45,432	45,432	6,590,533	6,763,936

Note.—The Return for January 1878, as compared with that for the corresponding month of 1877, shows an increase of 10,801 houses, and of 5,270,180 gallons of water supplied daily.

Analysis of Metropolitan Water Supply during January.

Royal College of Chemistry, South Kensington Museum,
7th February, 1878.

Sir,

I have to report to you in the following Table the results of the chemical analysis of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of January.

I append, also, the results obtained in the analyses of the water supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the nine years ending December 1876 as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health was:—Tottenham 1·1, Colne Valley 1·1, Kent 1·7, Grand Junction (filtered through spongy iron) 2·2, New River 3·4, East London 3·9, Lambeth 4·5, Southwark 5·2, Chelsea 5·2, West Middlesex 5·9, and Grand Junction 6·3.

The water drawn from the Thames by the Chelsea, West Middlesex, Grand Junction, Southwark, and Lambeth Companies was again much polluted by organic matter, and was quite unfit for dietetic purposes even after the efficient filtration to which it had been subjected before delivery. By filtration by spongy iron, however, the proportion of organic matter was reduced to about one third, and the hardness to little more than one half of its original amount. The spongy iron filter had continuously supplied all the drinking water to a family of eleven persons for more than a year and the sample was drawn from it just before the renewal of the spongy iron.

The water of the Lea, though efficiently filtered by the New River and East London Companies, was considerably polluted by organic matter in solution.

The only samples of good water examined in January were obtained from deep wells in the chalk. This water was supplied by the Kent and Colne Valley Companies, and by the Tottenham Local Board of Health. It was clear, colourless, palatable, and of most excellent quality for dietetic purposes. That portion of it distributed by the Colne Valley Company, having been softened by Clark's process, was well adapted for washing.

Seen through a stratum two feet deep, the water supplied by the Kent and Colne Valley Companies, the Tottenham Local Board, and the Grand Junction Company (after filtration through spongy iron) was clear and colourless; the New River and East London Company's water was clear and nearly colourless; that distributed by the Chelsea, West Middlesex, Southwark, and Lambeth Companies, clear and pale yellow; and that by the Grand Junction Company, clear and yellow.

Dr. Hill, the Medical Officer of Health for Birmingham, reports that the water supplied to that town "was clear. The organic nitrogen, though higher than it has been for the last ten months, is lower than it was in the corresponding month of last year."

Dr. Mills, F.R.S., of Anderson's College, Glasgow, reports that the water supplied to that city from Loch Katrine "was of a light brown colour, and contained muddy particles and a few flakes."

I am, &c.

The Registrar General, &c. &c. E. Frankland.

Results of Analysis expressed in Parts per 100,000.

Companies or Local Authorities.	Date and Place of Collection.	Temperature in centigrade degrees.	Total Solid Matters.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Nitrates and Nitrites.	Total combined Nitrogen.	Chlorine.	Total Hardness.
		°								
Inner Circle. Thames: Chelsea	14th January, Cab Rank, Horse Guards.	5·3	29·84	·265	·041	0	·242	·283	1·65	20·6
West Middlesex	14th January, Cab Rank, Portland-road.	5·0	30·46	·311	·040	0	·238	·278	1·65	20·3
Southwark and Vauxhall	14th January, Cab Rank, St. George's Church, Borough.	5·0	31·10	·270	·034	0	·263	·297	1·60	21·8
Grand Junction	10th January, Lancaster-gate, Hyde Prk.	5·4	30·30	·325	·047	0	·241	·288	1·60	20·1
Ditto, after filtration through spongy iron	" " "	—	18·42	·092	·040	·007	·119	·165	1·60	11·1
Lambeth	14th January, Cab Rank, Westminster Bridge-road.	4·3	32·44	·230	·036	0	·291	·327	1·65	22·8
Other Sources: New River	14th January, Cab Rank, Tottenham-court-road.	5·0	30·78	·175	·028	0	·393	·421	1·60	22·4
East London	14th January, Royal Hotel, Mile-End-rd.	3·8	34·64	·194	·038	0	·331	·369	2·00	23·9
Kent	9th January, Deptford Bridge Police Station.	10·5	44·88	·080	·023	0	·533	·556	2·55	29·4
Outer Circle. Colne Valley	9th January, Bushey.	8·3	12·14	·051	·015	0	·332	·347	1·35	4·8
Tottenham Board of Health	16th January, High Street, Tottenham.	—	45·68	·052	·011	0	·488	·499	3·40	26·5
Corporation of Birmingham*	10th January, Rear of 46, Miles-street.	6·6	26·30	·248	·079	·004	·341	·423	1·9	16·0
Corporation of Glasgow †	15th January, Loch Katrine service.	5·1	3·10	·215	·021	0	·005	·026	·53	1·2
Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

* Analysed by Dr. Alfred Hill, Medical Officer of Health and Analyst to the Borough.
† Analysed by Dr. E. J. Mills, F.R.S., of Anderson's College, Glasgow.

The numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11, all relate to 100,000 parts of the waters. The Table is to be read thus: the Chelsea Company's water, collected on the 14th January at the Horse Guards cab-rank, had a temperature of 5°·3 C.; 100,000 lbs. of it contained 29·84 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·265 lb. of carbon and ·041 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·242 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of *combined* nitrogen in every form was ·283 lb. The above weight of water also contained 1·65 lbs. of chlorine; and 20·6 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

Table 1.—Births and Deaths registered, and Meteorology,* in 23 Towns of the United Kingdom, during the Week ending Saturday, the 9th February 1878.

Cities and Boroughs. (*Municipal Boundaries, except for* London *and* Dublin.)	Area in Acres, exclusive of tidal water and foreshore.	Population estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 9th February 1878. Births.	Deaths.	Temperature of the Air. (Fahrenheit.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Temperature of the Air. (Centigrade.) Weekly Mean of the Daily Mean Values.	Rain Fall. In Inches.	In Centimetres.
In 23 Towns in the United Kingdom	220,845	8,373,953	37·9	6139	4305	54·7	24·5	37·8	3·23	0·02	0·05
London	75,362	3,577,304	47·5	2584	1813	43·1	25·1	35·1	1·73	0·05	0·13
Brighton	2,354	103,923	44·1	71	49	44·0	27·0	36·3	2·39	0·05	0·13
Portsmouth	4,486	129,461	28·9	76	47	–	–	–	–	–	–
Norwich	7,472	84,620	11·3	59	67	46·0	28·0	38·2	3·44	0·00	0·00
Plymouth	1,395	73,599	52·8	48	47	49·0	31·0	40·1	4·50	0·00	0·00
Bristol	4,452	206,419	46·4	141	77	44·3	24·6	36·9	2·72	0·02	0·05
Wolverhampton	3,396	74,240	21·9	60	39	43·5	27·3	35·3	1·84	0·06	0·15
Birmingham	8,400	383,117	45·6	325	202	–	–	–	–	–	–
Leicester	3,200	121,473	38·0	81	52	44·5	27·8	36·4	2·44	0·00	0·00
Nottingham	9,960	165,267	16·6	121	89	49·8	25·1	37·3	2·95	0·00	0·00
Liverpool	5,210	532,681	102·2	423	308	48·4	28·2	36·5	2·50	0·01	0·03
Manchester	4,293	360,514	84·0	287	215	–	–	–	–	–	–
Salford	5,170	170,251	32·9	134	101	49·4	24·5	33·5	0·84	0·00	0·00
Oldham	4,666	107,366	23·0	90	52	–	–	–	–	–	–
Bradford	7,220	185,088	25·6	131	72	44·2	30·0	37·5	3·06	0·00	0·00
Leeds	21,572	304,948	14·1	213	133	46·0	29·0	39·3	4·06	0·00	0·00
Sheffield	19,651	289,537	14·7	199	134	48·0	26·0	37·1	2·84	0·00	0·00
Hull	3,635	143,139	39·4	127	50	49·0	27·0	37·5	3·06	0·00	0·00
Sunderland	3,306	112,459	34·0	93	46	52·0	34·0	41·8	5·45	0·01	0·03
Newcastle-on-Tyne	5,371	144,570	26·9	125	68	–	–	–	–	–	–
Edinburgh	4,191	222,371	53·1	122	120	50·8	30·0	40·8	4·89	0·02	0·05
Glasgow	6,033	566,940	94·0	427	325	49·0	31·0	40·1	4·50	0·00	0·00
Dublin	10,050	314,666	31·3	202	199	54·7	25·4	40·7	4·83	0·05	0·13

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.
† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the ddition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, alford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the id of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the umber enumerated in April 1871.

Table 2.—Deaths and Rate of Mortality in 20 large English Towns, having an estimated population of 7,269,976 persons, and in Dublin, during the Week ending Saturday the 9th February 1878.

Boroughs, &c. (*Municipal Boundaries, except for* London *and* Dublin.)	Annual Rate of Mortality per 1000 living. From All Causes.	From Seven Zymotic Diseases.	Deaths from all Causes.	The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
In 20 Towns	26·3	3·9	3661	860	757	55	68	92	21	214	52	43	113	212	537
London	26·4	4·5	1813	393	408	55	40	37	10	114	28	22	48	96	332
Brighton	24·6	2·5	49	15	16	–	3	–	–	2	–	–	1	1	7
Portsmouth	18·9	0·8	47	12	11	–	–	–	–	2	–	–	2	6	4
Norwich	41·3	3·7	67	21	16	–	–	–	1	4	1	–	–	4	6
Plymouth	33·3	9·9	47	10	8	–	2	1	1	8	1	1	1	2	2
Bristol	19·5	1·5	77	19	19	–	–	2	–	–	2	2	6	8	8
Wolverhampton	27·4	2·8	39	9	8	–	–	2	–	2	–	–	2	2	7
Birmingham	27·5	4·5	202	60	34	–	–	8	1	19	3	2	8	16	19
Leicester	22·3	1·7	52	18	14	–	–	–	–	4	–	–	3	5	9
Nottingham	28·1	3·8	89	20	25	–	3	3	–	4	–	2	1	5	5
Liverpool	30·2	5·1	308	72	43	–	10	10	2	23	5	2	19	19	48
Manchester	31·1	3·8	215	36	40	–	3	11	1	7	1	3	8	21	36
Salford	31·0	2·8	101	30	17	–	1	3	–	4	–	1	–	4	10
Oldham	25·3	5·8	52	9	9	–	2	2	1	4	2	1	1	2	3
Bradford	20·3	2·0	72	26	16	–	1	–	–	6	–	–	–	2	3
Leeds	22·8	1·0	133	38	19	–	1	–	–	2	3	–	2	5	8
Sheffield	24·1	3·8	134	29	19	–	2	7	3	4	3	2	5	7	15
Hull	18·2	2·2	50	14	6	–	–	1	–	1	1	3	1	1	4
Sunderland	21·3	4·2	46	14	13	–	–	3	–	4	2	–	1	2	4
Newcastle-on-Tyne	24·5	1·8	68	15	16	–	–	2	1	–	–	2	4	4	7
Dublin	33·0	3·0	199	24	65	2	6	–	–	4	4	2	3	3	78

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the SIXTH Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2397	2249	2289	2466	2492	2335	2363	2488	2446	2717	2424·2	2584
Males . .	1162	1152	1185	1257	1210	1201	1192	1264	1251	1423	1229·7	1330
Females .	1235	1097	1104	1209	1282	1134	1171	1224	1195	1294	1194·5	1254
TOTAL **Deaths**	1394	1426	1568	1749	1524	1554	1597	1726	1610	1504	1565·2	1813
Males . .	738	724	763	875	764	778	789	867	835	784	791·7	900
Females .	656	702	805	874	760	776	808	859	775	720	773·5	913

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Nov. 17.	Nov. 24.	Dec. 1.	Dec. 8.	Dec. 15.	Dec. 22.	Dec. 29.	Jan. 5.	Jan. 12.	Jan. 19.	Jan. 26.	Feb. 2.	Feb. 9.
TOTAL **Deaths** - - -	1435	1571	1579	1547	1613	1761	1757	1892	1760	1903	1864	1703	1813
0—20 - -	750	815	804	816	786	944	868	911	867	918	899	788	855
20—40 - -	192	209	219	183	218	205	217	244	230	240	203	248	245
40—60 - -	242	250	248	265	241	273	274	317	288	298	335	276	305
60—80 - -	215	253	267	238	307	282	331	345	309	373	359	320	326
at 80 years & upwds.	36	44	41	45	61	57	67	75	66	74	68	71	82
Deaths of children: Under 1 year -	323	381	375	391	359	417	398	436	380	416	409	318	393
Deaths of children: 1—5 - - -	314	312	320	316	302	400	367	378	363	397	365	342	344
Deaths of children: 5—20 - -	113	122	109	109	125	127	103	97	124	105	125	128	118
Deaths from 7 principal Zymotic Diseases	223	258	248	234	248	301	311	292	299	291	304	266	306
" " Smallpox - -	14	27	31	25	31	31	29	26	35	51	34	38	55
" " Measles - -	66	82	81	76	92	102	109	104	97	77	63	56	40
" " Scarlet Fever -	61	55	52	46	54	46	31	31	39	35	39	43	37
" " Diphtheria -	8	11	5	5	10	3	12	5	9	5	6	9	10
" " Whooping-cough	23	32	27	36	25	64	82	89	69	94	117	89	114
" " Typhus fever -	2	5	1	5	3	6	7	1	7	4	3	5	3
" " Enteric (or Typhoid) fever -	26	29	30	21	20	27	23	23	19	15	23	12	21
" " Simple Contd fever	–	4	5	1	3	8	6	4	7	2	6	3	4
" " Diarrhœa - -	23	13	16	19	10	14	12	9	17	8	13	11	22
" " Simple Cholera -	–	–	–	–	–	–	–	1	–	–	–	1	–
" " Dis. of Respiratory Organs -	313	409	417	397	415	487	467	535	464	541	455	448	502
" " Phthisis - -	150	163	128	133	151	170	158	167	177	168	174	167	166
" " Heart Diseases -	87	93	115	91	96	91	94	99	100	103	121	111	95
Violent Deaths - - -	53	43	45	48	55	44	50	67	65	71	56	53	48
Inquest Cases - - -	96	86	77	93	91	88	94	136	134	137	97	95	96
Deaths in Public Institutions	257	248	267	268	297	310	306	301	302	358	336	324	332
TEMPERATURE OF THE AIR: Mean - - - - -	45·6°	42·8°	41·9°	43·4°	39·0°	41·8°	37·8°	43·9°	36·9°	42·9°	42·3°	36·2°	35·1°
Mean of Highest readings -	52·0	48·9	47·2	47·8	45·1	45·4	43·2	47·1	41·1	47·9	46·7	40·8	38·5
Mean of Lowest readings -	38·8	36·3	36·6	38·3	32·5	38·1	32·1	39·7	32·5	36·8	37·5	31·0	31·9
Mean Temperature of the Water of the Thames -	49·2	45·5	43·0	42·2	42·4	40·9	40·7	40·6	41·9	39·8	43·0	39·8	38·1
Humidity of the Air - -	88	84	86	90	87	91	79	91	82	83	80	87	92
Rain-fall in inches - -	0·83	1·12	1·07	0·49	0·18	0·03	0·55	0·48	0·02	0·02	0·11	0·42	0·05
Registered Sunshine (in hours)	10·9	11·9	12·3	4·5	6·0	1·5	12·2	3·5	8·1	6·5	11·6	11·8	3·8

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the SIXTH Week of the Year 1878.

CAUSES OF DEATH.	Average in the Sixth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, February 9, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0—1.	1—5.	5—20.				
Mean Temperature -	39°1	35°1							
ALL CAUSES - -	1565·2	1813	393	344	118	245	305	326	82
SPECIFIED CAUSES	1557·0	1806	388	344	118	244	305	325	82
I. ZYMOTIC.									
ORDER 1.									
1. Small-pox - - -	40·8	55	6	10	14	20	3	2	-
2. Measles - - -	25·2	40	9	28	3	-	-	-	-
3. Scarlet Fever - -	39·2	37	-	21	15	1	-	-	-
4. Diphtheria - -	6·9	10	1	3	4	1	1	-	-
5. Quinsy - - -	·6	-	-	-	-	-	-	-	-
6. Croup - - -	14·1	14	1	12	1	-	-	-	-
7. Whooping-cough -	66·5	114	49	63	2	-	-	-	-
8. Typhus - - -	30·7	3	-	-	1	2	-	-	-
— Enteric or Typhoid Fev.		21	-	4	8	6	2	1	-
— Simple continued Fev.		4	-	2	-	-	-	2	-
9. Erysipelas - -	·5	6	3	-	1	-	1	1	-
10. Puerperal Fev. (Metria)	6·3	5	-	-	-	5	-	-	-
11. Carbuncle - -	·7	1	-	-	-	-	1	-	-
12. Influenza - - -	1·3	-	-	-	-	-	-	-	-
13. Dysentery - -	·9	1	-	-	-	-	1	-	-
14. Diarrhœa - - -	12·7	22	7	4	2	1	1	4	3
15. Simple Cholera - -	·1	-	-	-	-	-	-	-	-
16. Ague - - - -	·4	-	-	-	-	-	-	-	-
17. Remittent Fever -	·3	1	-	-	1	-	-	-	-
18. Rheumatism - -	9·6	11	-	-	2	-	6	2	1
19. Other *Zymotic* Diseases	·8	1	-	1	-	-	-	-	-
ORDER 2.									
1. Syphilis - - -	9·0	8	7	-	-	1	-	-	-
2. Stricture of Urethra -	1·7	2	-	-	-	-	-	2	-
3. Hydrophobia - -	—	-	-	-	-	-	-	-	-
4. Glanders - - -	·1	-	-	-	-	-	-	-	-
ORDER 3.									
1. Privation - - -	·6	2	-	-	-	-	-	2	-
2. Want of Breast-milk -	10·3	7	7	-	-	-	-	-	-
3. Purpura and Scurvy -	1·9	1	-	-	-	-	-	1	-
4. Alcoholism { *a* Del. Tremens	·9	-	-	-	-	-	-	-	-
4. Alcoholism { *b* Intemperance	1·3	4	-	-	-	1	2	1	-
ORDER 4.									
1. Thrush - - -	2·4	3	3	-	-	-	-	-	-
2. Worms, &c. - -	·1	-	-	-	-	-	-	-	-
II. CONSTITUTIONAL.									
ORDER 1.									
1. Gout - - - -	2·6	2	-	-	-	-	1	1	-
2. Dropsy - - -	10·8	6	1	-	-	-	2	2	1
3. Cancer - - -	33·1	37	-	-	-	7	21	8	1
4. Cancrum Oris (Noma)	·1	1	-	1	-	-	-	-	-
5. Mortification - -	3·4	5	1	-	-	-	-	3	1
ORDER 2.									
1. Scrofula - - -	8·9	18	6	6	3	2	1	-	-
2. Tabes Mesenterica -	17·7	28	18	8	-	1	1	-	-
3. Phthisis - - -	174·1	166	3	6	16	83	46	12	-
4. Hydrocephalus - -	28·4	27	14	11	1	1	-	-	-
III. LOCAL.									
ORDER 1.									
1. Cephalitis - - -	17·9	25	2	19	1	2	1	-	-
2. Apoplexy - - -	41·0	42	2	2	-	6	14	17	1
3. Paralysis - - -	32·4	40	-	-	-	2	8	25	5
4. Insanity - - -	2·0	2	-	-	-	-	1	1	-
5. Chorea - - -	·1	-	-	-	-	-	-	-	-
6. Epilepsy - - -	7·5	7	-	1	-	2	1	3	-
7. Convulsions - -	59·4	43	30	10	3	-	-	-	-
8. *Brain Disease, &c.* -	20·0	23	1	1	1	1	8	9	2
ORDER 2.									
1. Pericarditis - -	3·7	1	-	-	1	-	-	-	-
2. Aneurism - - -	3·0	3	-	-	-	1	2	-	-
3. *Heart Disease, &c.* -	82·5	91	-	-	7	10	34	37	3
ORDER 3.									
1. Laryngitis - - -	10·9	11	3	6	-	1	1	-	-
2. Bronchitis - - -	252·7	327	62	58	7	16	57	101	26
3. Pleurisy - - -	3·6	6	-	-	-	2	1	3	-
4. Pneumonia - -	86·0	111	24	34	5	14	25	8	1
5. Asthma - - -	18·5	21	-	-	-	5	7	9	-
6. *Lung Disease, &c.* -	17·8	26	7	5	3	4	4	3	-

CAUSES OF DEATH.	Average in the Sixth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, February 9, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0—1.	1—5.	5—20.				
Mean Temperature -	39°1	35°1							
ORDER 4.									
1. Gastritis - - -	1·6	1	1	-	-	-	-	-	-
2. Enteritis - - -	4·8	3	1	2	-	-	-	-	-
3. Peritonitis - - -	5·2	7	-	-	2	4	1	-	-
4. Ascites - - -	2·0	1	-	-	-	-	1	-	-
5. Ulceration of Intestines	3·1	4	-	-	1	-	1	2	-
6. Hernia - - -	3·9	3	-	-	-	-	1	1	1
7. Ileus - - - -	3·3	3	1	-	1	-	1	-	-
8. Intussusception -	·5	1	1	-	-	-	-	-	-
9. Stricture of Intestines	·7	1	-	-	-	-	1	-	-
10. Fistula - - -	·9	-	-	-	-	-	-	-	-
11. *Stomach Disease, &c.* -	6·4	11	3	2	-	1	2	3	-
12. *Pancreas Disease, &c.*	·1	-	-	-	-	-	-	-	-
13. Hepatitis - - -	2·7	2	-	1	-	-	-	1	-
14. Jaundice - - -	3·8	3	1	-	-	-	1	1	-
15. *Liver Disease, &c.* -	18·5	20	1	1	-	4	7	7	-
16. *Spleen Disease, &c.* -	—	-	-	-	-	-	-	-	-
ORDER 5.									
1. Nephritis - - -	2·6	5	1	1	1	1	1	-	-
2. Ischuria - - -	·3	-	-	-	-	-	-	-	-
3. Bright's Dis. (Nephria)	11·3	18	-	-	1	6	7	3	1
4. Diabetes - - -	3·0	5	-	-	-	3	2	-	-
5. Calculus (Stone) -	1·1	2	-	-	-	-	1	1	-
6. Cystitis - - -	1·1	2	-	-	-	-	-	2	-
7. *Kidney Disease, &c.* -	8·5	12	-	-	1	3	4	3	1
ORDER 6.									
1. Ovarian Dropsy -	·5	-	-	-	-	-	-	-	-
2. *Uterus Disease, &c.* -	4·5	6	-	-	-	3	1	2	-
ORDER 7.									
1. Synovitis (Arthritis)	·2	-	-	-	-	-	-	-	-
2. *Joint Disease, &c.* -	7·3	8	1	2	4	1	-	-	-
ORDER 8.									
1. Phlegmon - - -	3·1	4	2	1	-	1	-	-	-
2. Ulcer - - - -	1·8	1	-	-	-	-	-	1	-
3. *Skin Disease, &c.* -	1·1	2	2	-	-	-	-	-	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth -	21·1	26	26	-	-	-	-	-	-
2. Cyanosis - - -	2·6	4	4	-	-	-	-	-	-
3. Spina Bifida - -	1·4	3	3	-	-	-	-	-	-
4. Other Malformations	·9	1	1	-	-	-	-	-	-
5. Teething - - -	15·9	21	9	12	-	-	-	-	-
ORDER 2.									
1. Paramenia - - -	·1	-	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever) - -	4·6	9	-	-	-	7	2	-	-
ORDER 3.									
1. Old Age - - -	61·6	60	-	-	-	-	-	28	32
ORDER 4.									
1. Atrophy and Debility	61·7	67	54	4	-	2	1	6	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	17·9	18	-	-	2	5	7	3	1
2. Wounds { Gunshot	·9	-	-	-	-	-	-	-	-
2. Wounds { Cut, Stab		-	-	-	-	-	-	-	-
3. Burns and Scalds -	8·1	7	-	2	2	1	1	1	-
4. Poison - - -	·6	-	-	-	-	-	-	-	-
5. Drowning - - -	2·8	4	-	-	-	1	3	-	-
6. Suffocation - -	10·7	9	9	-	-	-	-	-	-
7. Otherwise - - -	3·9	2	-	-	1	-	-	-	1
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	2·5	1	-	-	-	-	1	-	-
ORDER 4. SUICIDE.)									
1 Wounds { Gunshot -	·5	-	-	-	-	-	-	-	-
1 Wounds { Cut, Stab -	·9	1	-	-	-	-	1	-	-
2. Poison - - -	·2	2	-	-	-	1	1	-	-
3. Drowning - - -	1·0	2	-	-	-	1	1	-	-
4. Hanging - - -	1·5	2	-	-	-	1	1	-	-
5. Otherwise - - -	·7	-	-	-	-	-	-	-	-
ORDER 5. (EXECUTION.)									
1. Hanging - - -	—	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - -	·6	1	-	-	-	1	-	-	-
Causes not specified or ill-defined - - -	7·6	6	5	-	-	-	-	1	-

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
LONDON	3,254,260	2584	1813	393	408	55	40	37	10	114	3	21	4	22	48	96	332
WEST DISTRICTS	561,359	396	271	57	63	6	4	-	2	19	-	5	2	3	10	18	46
NORTH DISTRICTS	751,729	552	446	89	109	34	11	15	3	18	-	5	1	5	10	25	98
CENTRAL DISTRICTS	334,369	195	137	24	25	1	1	6	-	4	-	-	-	5	5	11	32
EAST DISTRICTS	639,111	551	348	77	80	5	8	6	1	19	1	3	1	4	9	17	66
SOUTH DISTRICTS	967,692	890	611	146	131	9	16	10	4	54	2	8	-	5	14	25	90
WEST DISTRICTS.																	
St. Mary Paddington *WH*	58728	35	25	5	6	-	-	-	-	1	-	1	-	1	1	1	4
St. John Paddington *H*	38085	17	12	1	7	-	-	-	-	-	-	-	-	1	-	-	1
Kensington Town *W*	91645	89	50	12	12	-	-	-	1	4	-	1	1	1	1	1	6
Brompton *H*	28654	13	6	2	1	-	-	-	-	-	-	-	-	-	-	-	2
St. Peter Hammersmith	6662	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith *H*	36029	41	23	4	4	1	-	-	1	4	-	-	-	-	2	4	-
Fulham *WwH*	23350	36	21	7	2	5	-	-	-	3	-	-	-	-	-	2	7
Chelsea South *HHH*	26420	16	10	2	2	-	-	-	-	2	-	-	-	-	1	-	-
Chelsea North-west *WHHHH*	22926	11	17	2	5	-	-	-	-	1	-	-	-	-	-	-	9
Chelsea North-east	21392	31	13	5	3	-	-	-	-	-	-	1	-	-	-	-	-
Hanover Square *H*	18698	7	4	1	1	-	1	-	-	-	-	-	-	-	-	-	-
May Fair *WW*	13358	5	4	-	2	-	-	-	-	-	-	-	-	-	-	-	4
Belgrave *HH*	57972	24	29	4	5	-	-	-	-	3	-	1	-	-	4	5	9
St. John Westminster *HH*	38478	20	23	7	3	-	2	-	-	-	-	-	1	-	1	1	3
St. Margaret Westminster *WH*	27781	14	11	1	4	-	-	-	-	1	-	-	-	-	-	3	1
Golden Square *WH*	12860	2	7	-	3	-	1	-	-	-	-	1	-	-	-	-	-
Berwick-street *H*	20759	16	7	2	1	-	-	-	-	-	-	-	-	-	-	1	-
St. Anne Soho *HHHHH*	17562	11	8	2	2	-	-	-	-	-	-	-	-	-	-	-	-
NORTH DISTRICTS.																	
All Souls Marylebone *HHHH*	28579	13	19	4	1	-	1	-	-	1	-	-	-	-	1	1	7
Cavendish Square *HH*	15425	3	6	1	2	-	-	-	-	1	-	-	-	-	1	1	-
Rectory Marylebone *WH*	26384	8	20	4	11	-	1	-	-	-	-	-	-	-	2	2	11
St. Mary Marylebone *HHH*	21786	17	7	1	3	-	-	-	-	-	-	-	-	-	-	1	-
Christchurch Marylebone *H*	33944	16	17	2	3	-	-	-	-	-	-	-	-	-	-	1	-
St. John Marylebone *H*	33136	22	15	7	3	-	-	-	-	1	-	-	-	-	1	1	-
Hampstead *WwHH*	32281	15	25	1	3	13	1	-	1	-	-	-	-	1	-	1	15
Regent's Park Pancras	38200	21	11	4	1	-	-	-	-	-	-	-	-	-	1	2	-
Tottenham-court *wHHH*	29370	17	22	1	3	-	1	-	-	1	-	-	-	-	2	2	14
Gray's Inn Lane *HHH*	29221	23	18	5	3	-	-	-	-	1	-	-	-	1	-	1	3
Somers Town	38533	29	23	3	8	-	1	-	-	1	-	1	-	-	1	4	-
Camden Town *WH*	17943	17	16	2	7	1	1	-	-	-	-	-	-	-	-	1	7
Kentish Town *w*	68198	51	32	9	5	-	-	2	-	2	-	2	-	-	-	-	3
Islington West *HHH*	97820	72	49	11	10	4	1	3	-	5	-	-	-	-	-	1	5
Islington East *WwwH*	115958	92	80	17	23	-	3	6	-	5	-	-	1	1	1	5	10
Stoke Newington *H*	9841	11	9	3	2	-	-	-	-	-	-	-	-	-	-	-	-
Stamford Hill	6598	10	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney	28069	27	12	2	2	1	-	1	-	-	-	-	-	-	-	1	-
Hackney *WwwHL*	50104	48	45	6	14	13	-	3	-	-	-	1	-	-	-	-	23
South Hackney	30339	40	17	6	4	2	1	-	2	-	-	1	-	2	-	-	-
CENTRAL DISTRICTS.																	
St. George Bloomsbury	17853	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Giles South *WH*	19109	8	16	4	3	-	-	1	-	1	-	-	-	-	-	2	6
St. Giles North	16594	4	2	-	-	-	-	-	-	-	-	-	-	-	1	1	-
Long Acre	11379	7	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Charing Cross *HH*	9859	1	5	-	2	-	-	-	-	-	-	-	-	-	1	1	2
St. Mary-le-Strand	9378	3	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes *H*	10723	6	6	1	2	-	-	-	-	-	-	-	-	-	1	1	2
St. George-the-Martyr *HHHHH*	20521	19	6	2	-	-	-	-	-	1	-	-	-	-	-	-	2
St. Andrew Eastern *W*	13529	7	16	1	2	-	-	-	-	1	-	-	-	2	-	-	7
Saffron Hill *H*	9066	9	9	1	5	-	-	1	-	-	-	-	-	-	-	-	-
St. James Clerkenwell *W*	18917	9	6	4	-	-	-	-	-	-	-	-	-	-	-	-	2
Amwell Clerkenwell	16884	11	9	1	2	1	-	2	-	-	-	-	-	-	-	2	-
Pentonville	13337	11	2	-	1	-	-	1	-	-	-	-	-	-	-	-	-
Goswell-street	16242	14	13	3	2	-	1	-	-	-	-	-	-	1	-	-	-
Old-street *H*	12161	14	4	3	1	-	-	-	-	1	-	-	-	-	-	-	-
City-road *HHL*	18301	15	4	-	-	-	-	1	-	-	-	-	-	-	-	-	1
Whitecross-street	13792	8	4	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Finsbury	10741	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph East London *H*	14540	14	7	3	2	-	-	-	-	-	-	-	-	1	-	-	-
Cripplegate	13638	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre *H*	7562	4	9	1	1	-	-	-	-	-	-	-	-	-	2	3	8
St. Bride *W*	11185	6	3	-	-	-	-	-	-	-	-	-	-	-	-	1	2
Castle Baynard	4426	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch	6270	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe	4753	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking	5764	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street *H*	7845	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at the foot of next page.

FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT Saturday, 9th February 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
Holywell Shoreditch	12430	4	3	1	-	-	-	-	-	1	-	-	-	-	-	-	-
St. Leonard Shoreditch *HL*†	16545	14	7	1	1	-	-	-	-	-	-	1	-	-	-	-	-
Hoxton New Town *w*	27835	24	18	8	2	-	-	-	-	-	-	-	-	-	-	.	3
Hoxton Old Town	26933	15	12	3	1	-	-	-	-	3	-	-	-	-	1	1	-
Haggerston * *WH*	43421	36	34	6	11	-	-	-	-	-	-	-	-	-	1	3	13
Hackney-road *H*	29822	22	13	5	4	-	-	-	-	-	-	-	-	-	-	-	-
Green, Bethnal Green *WHL*†	42433	48	22	4	8	1	1	1	-	1	-	-	-	-	-	-	6
Church, Bethnal Green	26577	24	8	2	3	-	-	2	-	-	-	-	-	-	-	-	-
Town, Bethnal Green	21272	14	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Spitalfields *H*	22499	12	15	5	2	-	-	1	-	2	-	-	-	-	1	-	2
Mile End New Town *W*	15550	16	12	2	5	-	-	-	-	-	-	-	-	1	-	1	6
Whitechapel North	11597	11	5	1	-	-	-	-	-	1	-	-	-	-	-	-	-
Whitechapel Church *H*	7322	8	14	4	2	-	-	-	1	2	-	-	-	-	4	5	7
Goodman's Fields	10381	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aldgate	9224	8	3	-	2	-	1	-	-	-	-	-	-	-	-	1	-
St. Mary St. George East	17900	8	5	1	-	-	1	-	-	-	-	-	-	-	-	-	-
St. Paul St. George East	21350	20	15	4	2	-	-	-	-	1	-	-	1	-	1	1	-
St. John St. George East *W*	8802	12	13	-	4	-	-	1	-	2	-	-	-	-	-	-	6
Shadwell *H*	11640	10	7	1	1	-	-	-	-	1	-	-	-	1	-	1	2
Ratcliff	16131	14	5	-	-	-	-	1	-	2	-	-	-	-	-	1	-
Limehouse	29919	24	17	2	2	1	-	-	-	-	1	-	-	-	-	-	-
Mile End Old Town Western	38128	35	9	2	2	1	-	-	-	-	-	-	-	-	-	-	-
Mile End Old Town Eastern *WwwH*	55024	53	34	9	11	1	2	-	-	2	-	-	-	1	-	-	6
Bow *wwwH*	67765	67	49	10	11	1	2	-	-	1	-	1	-	-	1	2	15
Poplar *WW*	48611	48	20	5	5	-	1	-	-	-	-	1	-	1	-	1	-
SOUTH DISTRICTS.																	
Christchurch Southwark *WH*	14573	11	4	1	2	-	-	-	-	-	-	-	-	-	1	1	-
St. Saviour Southwark *H*	15677	12	8	4	1	-	-	-	-	1	-	-	-	-	-	-	-
Kent-road	20421	19	10	4	-	-	-	-	-	1	-	-	-	1	-	2	-
Borough-road *WH*	16695	11	14	6	1	-	-	-	-	1	-	1	-	-	1	4	2
London-road *HL*	18961	23	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Trinity Newington	23682	14	23	7	3	-	1	2	-	4	-	-	-	-	-	-	-
St. Peter Walworth *W*	48248	56	44	4	13	-	2	2	-	7	-	-	-	-	-	-	10
St. Mary Newington	16792	9	9	2	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Olave Southwark *H*	4373	1	12	1	2	-	-	-	-	-	-	-	-	-	3	4	9
St. John Horsleydown *W*	10500	12	5	2	2	-	-	-	-	-	-	-	-	1	-	-	1
Leather Market	16787	16	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary Magdalen *W*	15709	11	9	-	3	-	-	-	-	-	-	-	-	-	1	1	4
St. James Bermondsey	47933	46	23	4	3	-	1	-	-	4	-	-	-	-	-	-	-
Rotherhithe *W*	27096	40	24	6	3	-	-	-	1	3	1	1	-	-	-	-	3
Waterloo-road 1st *H*	14074	11	7	2	2	-	-	-	-	1	-	-	-	-	-	1	-
Waterloo-road 2nd *H*	18465	13	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Lambeth Church 1st *H*	19492	26	20	7	3	-	-	-	-	2	-	1	-	-	3	3	5
Lambeth Church 2nd *WW*	35833	43	38	11	6	-	-	-	-	5	-	-	-	-	-	-	14
Kennington 1st	41286	35	18	6	5	-	-	-	-	3	-	-	-	-	-	-	-
Kennington 2nd	31221	16	11	1	4	1	-	-	-	-	-	-	-	1	-	1	-
Brixton *w*	35435	38	26	8	4	7	-	-	1	2	1	-	-	-	-	-	8
Norwood *W*	12536	13	8	3	2	-	-	-	-	-	-	-	-	-	-	-	2
Clapham *H*	27347	17	10	3	2	-	-	-	-	2	-	-	-	-	-	-	1
Battersea *Ww*	54016	73	32	10	6	1	-	-	-	2	-	-	-	-	1	1	4
Wandsworth *HL*	19783	14	7	1	2	-	-	1	-	-	-	-	-	-	-	-	3
Putney	9439	10	6	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Streatham	14475	17	8	-	4	-	-	-	-	-	-	-	-	-	-	2	-
Dulwich	4041	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Camberwell *WL*†*L*†	31254	25	29	4	8	-	2	2	-	-	-	-	-	-	1	1	10
Peckham *W*	42160	37	35	8	6	-	4	-	-	4	-	1	-	1	1	2	-
St. George Camberwell	33851	45	27	5	8	-	-	-	-	2	-	-	-	1	-	-	-
St. Paul Deptford *w*	53714	57	33	13	3	-	1	2	-	2	-	-	-	-	-	-	-
St. Nicholas Deptford	6474	2	2	1	1	-	-	-	-	1	-	-	-	-	-	-	-
Greenwich West	21034	19	15	3	2	-	3	-	-	-	-	2	-	-	-	-	-
Greenwich East *WH*	19378	10	18	3	4	-	-	1	-	-	-	-	-	-	1	1	10
Eltham *H*	4539	3	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Lee	16440	9	9	3	4	-	-	-	-	-	-	-	-	-	-	-	-
Lewisham Village *WH*	11513	8	8	-	2	-	1	-	-	-	-	2	-	-	1	1	1
Sydenham *H*	19065	11	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Charlton *H*	9564	4	3	-	1	-	-	-	1	-	-	-	-	-	-	-	1
Woolwich Dockyard	17226	9	10	-	3	-	1	-	-	1	-	-	-	-	-	-	-
Woolwich Arsenal *WHH*	18331	20	7	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Plumstead, West	13027	11	4	2	-	-	-	-	1	2	-	-	-	-	-	-	-
Plumstead, East *W*	15232	13	14	7	3	-	-	-	-	4	-	-	-	-	-	-	2

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the above Table by *w*:—

Central London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary " " "
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.
London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

* The two sub districts of Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston sub-district.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 9th February 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
	LONDON—OUTER RING	368,414	631,381	597	323	68	98	6	12	9	3	10	4	1	6	15	47
29 : 1	Carshalton *wL* - - -	12228	13523	6	9	3	4	-	-	-	-	-	-	-	-	-	4
2	Epsom (*part of*) * *WH* -	9971	9145	4	-	-	-	-	-	-	-	-	-	-	-	-	-
36 : 1	Godstone (*part of*) * - -	2754	900	2	1	-	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	56	36	5	10	-	3	-	2	1	-	-	-	-	2
2	Mitcham *WH* - - -	11697	12534	10	6	-	5	-	-	-	-	-	-	-	-	-	-
38 : 1	Wimbledon *HH* - -	3220	9087	8	7	3	3	-	-	-	-	-	-	-	-	-	-
2	Kingston *WH* - - -	8549	27489	21	19	9	6	1	1	-	-	-	-	-	1	2	6
3	Esher (*part of*) * - -	6601	7353	5	5	-	-	-	-	-	-	2	-	-	-	-	-
4	Hampton - - - -	4573	10185	5	4	1	1	-	-	-	-	1	-	1	-	1	-
39 : 1	Richmond *WH* - - -	2271	16829	13	14	3	2	-	-	-	-	-	-	-	1	2	2
2	Mortlake - - - -	2961	9316	9	3	-	3	-	-	-	-	-	-	-	-	-	-
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	15	10	2	3	-	-	2	-	1	1	-	2	2	-
2	Chislehurst (*part of*) * *W* -	13665	10028	5	9	2	5	1	-	-	-	1	-	-	-	-	4
41 : 1	Bexley *H* - - - -	13439	19566	20	7	1	2	-	1	-	-	1	-	-	-	-	-
123 : 1	Sunbury *W* - - -	11055	9860	7	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Staines *W* - - - -	13277	10339	1	1	-	-	-	-	-	-	-	-	-	-	-	-
124 : 1	Hillingdon *WH* - - -	6029	9712	3	4	1	1	-	-	-	-	-	-	-	-	-	-
2	Uxbridge - - - -	6178	5329	4	2	2	-	-	-	-	-	-	-	-	-	-	-
3	Hayes *WL* - - - -	14587	10497	1	5	-	-	-	-	-	-	-	-	-	-	-	4
125 : 1	Isleworth *W* - - -	7008	19930	15	5	1	2	-	-	-	-	-	-	-	-	-	-
2	Twickenham - - -	2477	10533	10	4	1	2	-	-	-	-	-	-	-	-	-	-
3	Brentford *HL* - - -	4370	20279	26	8	1	2	-	1	1	-	-	-	-	-	-	-
4	Chiswick - - - -	1311	8508	12	4	1	1	-	-	-	-	-	-	-	-	2	-
5	Acton *WH* - - - -	6087	12683	22	8	5	3	1	-	-	-	1	-	-	-	-	-
126 : 1	Harrow *H* - - - -	13809	10869	8	3	-	2	-	-	-	-	-	-	-	-	-	
2	Edgware *H* - - -	6994	3450	2	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	19	7	2	1	-	-	-	-	-	-	-	-	-	-
4	Hendon *WH* - - -	8382	6972	3	4	1	2	-	-	-	-	-	-	-	-	-	1
127 : 1	South Mimms - - -	15419	5924	3	1	-	1	-	-	-	-	-	-	-	-	-	-
2	Barnet *W* - - - -	5423	7752	9	3	-	2	-	-	-	-	-	-	-	-	-	-
3	Finchley *L* - - - -	4688	11493	9	11	-	2	-	2	-	-	-	-	-	-	-	6
128 : 1	Hornsey *H* - - - -	3039	19357	19	9	4	-	-	-	-	-	-	-	-	-	1	-
2	Tottenham *H* - - -	4642	22869	22	14	1	5	-	2	1	-	-	-	-	1	1	1
3	Edmonton *WW* - - -	7483	13860	12	17	2	10	-	-	1	-	-	1	-	-	-	8
4	Enfield *WH* - - -	12653	16054	5	6	-	1	-	-	-	1	-	-	-	1	3	-
5	Waltham Abbey - - -	11017	5197	4	2	-	1	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	9	4	3	-	-	-	-	-	-	-	-	-	-	-
134 : 1	Hatfield (*part of*) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	2	2	-	1	-	-	-	-	-	-	-	-	-	-
185 : 1	Stratford - - - -	882	23286	34	12	4	-	-	-	2	-	-	-	-	-	-	-
2	West Ham *WWWW* - -	7345	44642	97	29	5	7	3	1	1	-	2	1	-	-	-	3
3	Leyton *WW* - - -	4274	15513	19	11	3	3	-	1	-	-	-	1	-	-	-	6
4	Walthamstow *H* - -	6619	15701	18	7	-	4	-	-	-	-	-	-	-	-	-	-
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	10	2	-	1	-	-	1	-	-	-	-	-	-	-
188 : 1	Romford (*part of*) * - -	6730	2879	2	1	-	-	-	-	-	-	-	-	-	-	1	-
2	Ilford - - - - -	8492	5947	7	3	-	-	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	4	4	2	-	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:—29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903); 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoydon-Bois (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 9th February, 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Deaths in Public Institutions.
GREATER LONDON	446,494	4,450,015	25·1	4·1	2136	461	506	61	52	46	13	124	32	23	54	379
INNER LONDON -	78,080	3,577,304	26·4	4·5	1813	393	408	55	40	37	10	114	28	22	48	332
OUTER RING -	368,414	872,711	19·3	2·7	323	68	98	6	12	9	3	10	4	1	6	47

NOTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 697·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,590,865 Persons.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	January	5	–	353	42·8	Fevers 103; small-pox 9; cholera 22.
BOMBAY - -	644,405	„	1	–	507	40·9	Small-pox 9; remittent fever 191; cholera 14.
MADRAS - -	397,552	December	14	300	680	88·9	Small-pox 30; fevers 125; dysentery 188.
PARIS - -	1,988,806	February	7	–	1052	27·5	Typhoid fever 18; diphtheria 22.
GENEVA - -	68,792	„	2	35	44	33·4	—
BRUSSELS - -	175,782	„	2	108	100	29·7	Measles 10.
AMSTERDAM -	289,981	„	2	231	143	25·7	Whooping-cough 8.
ROTTERDAM -	142,585	„	2	119	84	30·6	—
THE HAGUE -	107,896	„	2	98	54	26·0	Measles 5.
COPENHAGEN -	220,000	January	29	169	93	22·1	Typhoid fever 2; croup 7.
STOCKHOLM -	146,845	„	26	–	60	21·2	Scarlet fever 2.
CHRISTIANIA -	105,000	February	2	83	36	17·8	Diphtheria and croup 2.
ST. PETERSBURGH	669,741	January	19	–	682	53·0	Small-pox 7; fevers 129.
BERLIN - -	1,019,620	„	19	832	504	25·9	Scarlet fever 12; diphtheria 15.
HAMBURG (State)	393,588	„	19	281	217	28·8	Whooping-cough 14.
DRESDEN - -	207,845	„	26	140	99	24·8	Diphtheria and croup 7.
BRESLAU - -	267,000	February	2	194	124	24·1	—
MUNICH - -	222,000	„	2	176	149	35·0	Diphtheria and croup 7.
VIENNA - -	727,271	„	2	550	443	31·7	Small-pox 14; diphtheria 16.
BUDA-PESTH -	319,530	January	26	262	274	44·6	Typhus and typhoid fev. 11; sm.-pox 2; diph. 6.
ROME - -	280,564	December	22	139	150	27·9	Small-pox 2; diphtheria and croup 6.
NAPLES - -	457,407	January	7	–	359	41·0	Typhus and typhoid fever 6; croup 9.
TURIN - -	227,843	„	19	132	145	33·2	Typhus and typhoid fev. 7; diph. and croup 6.
VENICE - -	139,796	February	2	–	–	–	—
ALEXANDRIA -	212,034	January	31	–	–	–	—
NEW YORK -	1,084,528	„	12	–	563	26·8	Scarlet fever 27; diphtheria 42; croup 23.
BROOKLYN -	549,438	„	12	–	216	20·5	Scarlet fever 9; diphtheria 11.
PHILADELPHIA -	876,118	„	19	–	314	18·7	Scarlet fev. 16; diph. 14; typhoid fever 8.
BOSTON - -	363,000	„	12	–	148	21·2	Diphtheria 20.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 9th FEBRUARY, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Difference. Between Dew Point Temperature and Air Temperature. Greatest.	Difference. Between Dew Point Temperature and Air Temperature. Least.	Difference. Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. Osler's. General Direction. P.M	Wind. Osler's. Pressure on square foot. Greatest.	Wind. Osler's. Pressure on square foot. Least.	Wind. Osler's. Pressure on square foot. Mean of 24 Obs.	Wind. Robinson's. Amount of Horizontal Movement of Air each day.	Wind. Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
FEBRUARY.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN.	3	..	30·231	43·1	38·7	4·4	40·9	37·5	52·8	36·8	38·7	36·3	3·4	4·6	1·5	+ 2·1	88	N. & NNW.	NNE.	0·9	0·0	0·1	239	—115	0·00	1·5
MON.	4	..	30·376	40·6	38·0	2·6	39·1	37·3	50·3	37·7	38·8	36·8	1·8	3·7	0·2	+ 0·2	94	NNE. & E.	NE. & SE.	0·0	0·0	0·0	110	—246	0·03	11·9
TUES.	5	Apogee. In Equator	30·425	38·6	35·7	2·9	37·0	33·2	44·0	35·4	39·3	37·3	3·8	5·3	3·0	— 2·0	86	ESE. & SE.	SE.	0·0	0·0	0·0	86	—271	0·01	11·4
WED.	6	..	30·397	39·3	30·2	9·1	34·2	31·8	50·2	19·7	39·3	37·3	2·4	6·0	0·0	— 4·9	91	SE.	SE. & ENE.	0·0	0·0	0·0	91	—267	0·00	6·8
THURS.	7	..	30·433	35·1	26·0	9·1	31·3	29·5	43·9	23·8	39·3	37·3	1·8	3·9	0·0	— 7·8	93	NE. & N.	S. & SW.	0·0	0·0	0·0	93	—263	0·00	0·0
FRI.	8	..	30·398	38·7	25·1	13·6	30·9	30·5	65·3	22·7	39·3	37·3	0·4	4·3	0·0	— 8·2	98	WSW.	SW.	0·0	0·0	0·0	139	—211	0·00	0·0
SAT.	9	..	30·104	33·9	29·5	4·4	32·2	29·9	40·8	29·5	39·3	37·3	2·3	3·9	0·0	— 6·9	91	SSE.	SSW. & SW.	0·0	0·0	0·0	110	—232	0·01	0·0
MEANS		..	30·338	38·5	31·9	6·6	35·1	32·8	49·6	29·4	39·1	37·1	2·3	4·5	0·7	— 3·9	92	NE. SE. & SW.		..	..	..	Sum 868	Sum —1605	Sum 0·05	4·5
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. FEBRUARY.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY	3	The electrical apparatus was not in action throughout the week.	0·0	9·2	Overcast.
MONDAY	4		0·0	9·3	Overcast. Rain in morning.
TUESDAY	5		0·0	9·3	Overcast. Rain fell in the early morning.
WEDNESDAY	6		0·0	9·4	Overcast till afternoon; cloudless with fog and hoar frost at night.
THURSDAY	7		0·0	9·4	Dense haze prevailed throughout the day. Fog and hoar frost.
FRIDAY	8		3·8	9·5	Dense fog during the morning; fine with cloudless sky throughout the day; cloudy and foggy at night. Hoar frost.
SATURDAY	9		0·0	9·6	Overcast. Rain in morning.
..		..	Sum 3·8	Sum 65·7	
No. of Col.		28	29	30	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and — "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 30·22 in. at the beginning of the week to 30·44 in. by [illegible] on the 5th, decreased to [illegible] in. by 3h. P.M. on the 6th; increased to 30·45 in. by 9h. A.M. on the 7th; and decreased to 30·00 in. by the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 7. 1878. Vol. XXXIX.] Week ending Saturday, February 16. [Price 1½*d.*

General Register Office, Somerset House,
February 18th, 1878.

United Kingdom.

During last week 5756 *births* and 4533 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The natural increase of population was 1223. The mortality from all causes was at the average rate of 28 deaths annually in every 1000 persons living. The annual death-rate was 26 per 1000 in Edinburgh, 26 in Glasgow, and 36 in Dublin; small-pox caused 6 deaths in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Portsmouth 16, Brighton 18, Leicester 20, Leeds 21, Newcastle-upon-Tyne 21, Hull 22, Bradford 23, Nottingham 23, Sheffield 27, Oldham 28, London 28, Bristol 29, Sunderland 29, Birmingham 30, Liverpool 32, Salford 33, Wolverhampton 38, Norwich 39, Manchester 39, and the highest rate 41 in Plymouth. Whooping-cough showed exceptional fatality in Plymouth, Birmingham, and Oldham. Scarlet fever caused 15 deaths in Sheffield. Last week was the fourth consecutive week in which no fatal case of small-pox was registered in any of the nineteen large provincial towns.

London.

In London 2447 births and 1927 deaths were registered. Allowing for increase of population, the births were 124 below, whereas the deaths exceeded by 219, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 24·8 and 26·4, further rose last week to 28·1, a higher rate than has prevailed in London in any week since the beginning of April last.

The 1927 deaths included 47 from small-pox, 43 from measles, 32 from scarlet fever, 5 from diphtheria, 124 from whooping-cough, 30 from different forms of fever, and 14 from diarrhœa; thus to the seven principal diseases of the zymotic class 295 deaths were referred, against 266 and 306 in the two preceding weeks. Whooping-cough continues the most fatally prevalent zymotic disease in London, and caused 124 deaths last week, against 89 and 114 in the two preceding weeks; 6 occurred in Kensington, 9 in Pancras, 7 in Islington, 7 in Shoreditch, 8 in Newington, 16 in Bermondsey, and 13 in Lambeth. Of the 43 deaths from measles, no less than 25 were returned in South London, including 7 in Camberwell, and 6 in Greenwich. The 32 fatal cases of scarlet fever shewed a further decline from the numbers in recent weeks; 5 occurred in Kensington and Paddington, 6 in Pancras, and 5 in Islington. The deaths referred to fever, which had been 20 and 28 in the two preceding weeks, further rose to 30 last week, although they were 7 below the corrected average number in the corresponding week of the last ten years; 2 were fatal cases of typhus, 24 of enteric or typhoid, and 4 of simple continued fever. The 2 fatal cases of typhus occurred at 14, Fern Street, Bromley-by-Bow, and in the Stockwell Fever Hospital; the latter case had been admitted from 4, Oak Place, Clarence Street, Rotherhithe. The 24 deaths from enteric fever, included 3 in Pancras, 3 in Islington, and 3 in Whitechapel.

The deaths from small-pox, which had been 38 and 55 in the two preceding weeks, were 47 last week, of which 24 occurred in the Metropolitan Asylum Hospitals, 2 in the Highgate Small-pox Hospital, and 21 in private dwelling-houses. Nine of the deceased small-pox patients had resided in Pancras, 3 in Hackney, 3 in St. George-in-the-East, 8 in Mile End Old Town, 4 in Bow and Poplar, and 5 in Lambeth. The 21 deaths from small-pox in private dwelling-houses included 3 in Pancras, 3 in Mile End Old Town, 3 in Bow and Poplar, and 5 in Lambeth. Of the 47 fatal cases of small-pox in the Metropolis, 20 were certified as unvaccinated and 12 as vaccinated, while in the remaining 15 cases the medical certificates of the cause of death omitted to give any information as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which had declined to 137 at the beginning of October last, were 554 on Saturday last, against 542 and 536 at the end of the two preceding weeks; 139 new cases were admitted to these hospitals during last week, against 146 and 127 in the two previous weeks. The Highgate Small-pox Hospital contained 56 patients on Saturday last; during the seven preceding weeks the numbers rose from 26 to 57.

The deaths referred to diseases of the respiratory organs, which had been 448 and 502 in the two previous weeks, further rose to 544 last week, and exceeded the corrected average by 115; 347 resulted from bronchitis, and 122 from pneumonia.

Different forms of violence caused 61 deaths; 52 were the result of negligence or accident, including 17 from fractures and contusions, 6 from burns and scalds, 4 from drowning, and 19 of infants under one year of age from suffocation. The 17 deaths from fractures and contusions were thus caused:—males aged 43 and 66, run over by vans; male 32, fell from wagon; female 51, knocked down by a cab; males 25 and 16, run over on railway; females 77, 88, 43, male 52, and 6 weeks (in sister's arms), fell down stairs; male 1, fell into fender; male 78, fell out of bed; male 34, fractured nose by blow (intoxicated); male 1, fell off a chair; male 78, fell in his room; and female 62, fractured leg (not stated how). An inquest was held in each of these 17 cases.

During the year 1877, 886 deaths in London were referred to enteric fever, showing an increase of 105 upon the number registered in 1876; 80, or 9·0 per cent. of these deaths were recorded in the Metropolitan Asylum Fever Hospitals. The number of cases of enteric fever admitted to these hospitals during 1877 was 393, against 287 in 1876; the number of completed cases was 334, including 254 recoveries and 80 deaths. The proportional mortality was equal to 24·0 per cent. of the completed cases, against 22·0 and 20·0 per cent. respectively in 1875 and 1876. In the London Fever Hospital, 118 cases of enteric fever were admitted, and the treatment of 121 cases completed, among which the proportional mortality was equal to 17·4 per cent.; this rate although higher than that in 1876, was considerably below the rate which prevailed in the Metropolitan Asylum Fever Hospitals in 1875, 1876, or 1877.

Greater London.

In Greater London 2967 births and 2254 deaths were registered, equal to annual rates of 34·8 and 26·4 per 1000 of the population. Three fatal cases of small-pox were registered in West Ham, one in Leyton, one in Chigwell, one in Edmonton, and one in Brentford registration sub-districts. One of the fatal cases in West Ham was of a child aged five years, the only unvaccinated child in the family, the rest of whom were not attacked.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 41, Bombay 43, Madras 83; Paris 28; Geneva 26; Brussels 26; Amsterdam 29, Rotterdam 28, The Hague 27; Copenhagen 26; Stockholm 24; Christiania 19; St. Petersburgh 53; Berlin 22, Hamburg 29, Dresden 22, Breslau 30, Munich 35; Vienna 31, Buda-Pesth 40; Rome 37, Naples 40, Turin 37, Venice 31; Alexandria 51; Brooklyn 18, Philadelphia 18, and Boston 19. The 686 deaths in St. Petersburgh included 40 from typhus, 79 from enteric fever, and 33 from relapsing fever.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·88 in., the lowest reading was 29·64 in. on Thursday afternoon, and the highest 30·15 in. on Saturday. The mean temperature of the *air* was 42°·6, and 3°·7 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was slightly below the average on Sunday and Tuesday, whereas an excess of temperature prevailed on each of the other days of the week; on Saturday the mean was 46°·9, and 8°·2 above the average. The lowest night temperature was 32°·4 on Sunday, and the highest day temperature in the shade 53°·7 on Saturday; the extreme range in the week was, therefore, 21°·3. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 93°·6 on Tuesday. The difference between the mean *dew-point* and *air* temperature averaged 2°·7. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police ship, was 39°·6. The mean degree of *humidity* of the air was 91, complete saturation being represented by 100; the air was, therefore, damp. The general direction of the *wind* was South-east, and the horizontal movement of the air averaged 9·5 miles per hour, which was 3·3 below the average in the corresponding week of 16 years. *Rain* fell on five days of the week, to the aggregate amount of 0·80 of an inch. The duration of registered sunshine in the week was 8·2 hours, the sun being above the horizon during 68·7 hours; the recorded duration of sunshine was, therefore, equal to 11·9 per cent. of its possible duration.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 16th February, 1878.

CITIES AND BOROUGHS. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 16th February 1878.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
In 23 TOWNS in the UNITED KINGDOM	220,845	8,373,953	37·9	5756	4533	56·5	28·0	40·5	4·72	0·76	1·93
LONDON	75,362	3,577,304	47·5	2447	1927	53·7	32·4	42·6	5·90	0·80	2·03
BRIGHTON	2,354	103,923	44·1	63	35	49·6	34·7	42·2	5·67	1·09	2·77
PORTSMOUTH	4,486	129,461	28·9	78	40	–	–	–	–	–	–
NORWICH	7,472	84,620	11·3	62	63	51·0	32·0	40·8	4·89	0·53	1·35
PLYMOUTH	1,395	73,599	52·8	50	58	53·0	37·5	45·9	7·72	0·92	2·34
BRISTOL	4,452	206,419	46·4	126	115	52·9	34·5	43·9	6·61	0·64	1·63
WOLVERHAMPTON	3,396	74,240	21·9	53	54	48·9	29·6	37·6	3·12	0·60	1·52
BIRMINGHAM	8,400	383,117	45·6	303	217	–	–	–	–	–	–
LEICESTER	3,200	121,473	38·0	81	47	51·5	32·0	41·1	5·06	0·82	2·08
NOTTINGHAM	9,960	165,267	16·6	106	74	51·3	30·6	39·2	4·00	0·66	1·68
LIVERPOOL	5,210	532,681	102·2	393	327	53·8	33·0	41·4	5·22	0·28	0·71
MANCHESTER	4,293	360,514	84·0	309	270	–	–	–	–	–	–
SALFORD	5,170	170,251	32·9	117	103	51·5	28·0	38·8	3·78	0·69	1·75
OLDHAM	4,666	107,366	23·0	75	57	–	–	–	–	–	–
BRADFORD	7,220	185,038	25·6	111	82	49·7	30·1	37·1	2·84	0·99	2·51
LEEDS	21,572	304,948	14·1	198	121	50·0	29·0	37·7	3·17	0·85	2·16
SHEFFIELD	19,651	289,537	14·7	226	149	51·0	29·9	37·7	3·17	1·01	2·57
HULL	3,635	143,139	39·4	104	59	50·0	31·0	38·9	3·83	0·86	2·18
SUNDERLAND	3,306	112,459	34·0	89	63	48·0	34·0	40·5	4·72	0·80	2·03
NEWCASTLE-ON-TYNE	5,371	144,570	26·9	92	59	–	–	–	–	–	–
EDINBURGH	4,191	222,371	53·1	121	112	52·5	30·0	39·5	4·17	0·46	1·17
GLASGOW	6,033	566,940	94·0	394	281	52·2	32·0	40·9	4·94	0·67	1·70
DUBLIN	10,050	314,666	31·3	153	215	56·5	33·3	43·6	6·45	0·97	2·46

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.

† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday, the 16th February, 1878.

BOROUGHS, &c. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
				Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.		
In 20 TOWNS	28·2	3·9	3925	912	888	47	79	85	14	219	61	36	130	238	606
LONDON	28·1	4·3	1927	412	454	47	43	32	5	124	30	14	61	127	387
BRIGHTON	17·6	2·5	35	8	11	–	1	–	–	3	1	–	1	1	1
PORTSMOUTH	16·1	1·2	40	10	12	–	–	–	–	3	–	–	–	2	6
NORWICH	38·8	3·1	63	22	21	–	–	–	–	4	–	1	–	2	4
PLYMOUTH	41·1	12·8	58	18	9	–	2	1	2	12	1	–	–	1	3
BRISTOL	29·1	3·0	115	30	31	–	2	1	–	3	2	4	2	4	14
WOLVERHAMPTON	38·0	7·0	54	22	14	–	–	3	–	3	1	3	1	2	5
BIRMINGHAM	29·6	4·5	217	48	38	–	1	7	3	17	3	2	14	23	30
LEICESTER	20·2	1·3	47	16	10	–	–	–	–	2	–	1	2	3	8
NOTTINGHAM	23·4	2·8	74	23	16	–	5	1	–	2	1	–	4	4	5
LIVERPOOL	32·0	4·1	327	62	63	–	15	4	1	14	6	2	8	7	34
MANCHESTER	39·1	3·2	270	60	60	–	5	7	–	6	3	1	12	29	40
SALFORD	33·1	4·3	108	31	17	–	–	6	–	2	4	2	2	4	18
OLDHAM	27·7	5·8	57	16	12	–	3	–	–	9	–	–	3	3	–
BRADFORD	23·1	3·7	82	14	20	–	–	5	–	4	2	2	1	1	11
LEEDS	27·7	0·9	121	28	31	–	2	–	–	1	2	–	3	10	9
SHEFFIELD	26·9	4·0	149	48	25	–	–	15	2	2	2	1	5	3	14
HULL	21·5	1·1	59	13	16	–	–	–	–	1	1	1	2	2	6
SUNDERLAND	29·2	4·2	63	15	16	–	–	2	–	4	2	1	2	2	6
NEWCASTLE-ON-TYNE	21·3	2·2	59	16	12	–	–	1	1	3	–	1	7	8	5
DUBLIN	35·7	5·1	215	35	61	6	9	1	–	6	6	3	3	2	69

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the SEVENTH Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2352	2401	2256	2363	2363	2481	2476	2586	2475	2476	2402·9	2447
Males . .	1238	1209	1156	1249	1255	1244	1232	1247	1246	1299	1237·5	1253
Females .	1114	1192	1100	1114	1108	1237	1244	1139	1229	1177	1165·4	1194
TOTAL **Deaths**	1307	1491	1716	1625	1320	1620	1616	1801	2005	1462	1596·3	1927
Males . .	678	788	906	825	685	799	830	921	998	721	815·1	980
Females .	629	703	810	800	635	821	786	880	1007	741	781·2	947

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Nov. 24.	Dec. 1.	Dec. 8.	Dec. 15.	Dec. 22.	Dec. 29.	Jan. 5.	Jan. 12.	Jan. 19.	Jan. 26.	Feb. 2.	Feb. 9.	Feb. 16.
TOTAL **Deaths** - - -	1571	1579	1547	1613	1761	1757	1892	1760	1903	1864	1703	1813	1927
0—20 - -	815	804	816	786	944	868	911	867	918	899	788	855	896
20—40 - -	209	219	183	218	205	217	244	230	240	203	248	245	246
40—60 - -	250	248	265	241	273	274	317	288	298	335	276	305	331
60—80 - -	253	267	238	307	282	331	345	309	373	359	320	326	376
at 80 years & upwds.	44	41	45	61	57	67	75	66	74	68	71	82	78
Deaths of children: Under 1 year -	381	375	391	359	417	398	436	380	416	409	318	393	412
Deaths of children: 1—5 - -	312	320	316	302	400	367	378	363	397	365	342	344	340
Deaths of children: 5—20 - -	122	109	109	125	127	103	97	124	105	125	128	118	144
Deaths from 7 principal Zymotic Diseases	258	248	234	248	301	311	292	299	291	304	266	306	295
" " Small-pox -	27	31	25	31	31	29	26	35	51	34	38	55	47
" " Measles - -	82	81	76	92	102	109	104	97	77	63	56	40	43
" " Scarlet fever -	55	52	46	54	46	31	31	39	35	39	43	37	32
" " Diphtheria -	11	5	5	10	3	12	5	9	5	6	9	10	5
" " Whooping-cough	32	27	36	25	64	82	89	69	94	117	89	114	124
" " Typhus fever -	5	1	5	3	6	7	1	7	4	3	5	3	2
" " Enteric (or Typhoid) fever -	29	30	21	20	27	23	23	19	15	23	12	21	24
" " Simple Cont^d fever	4	5	1	3	8	6	4	7	2	6	3	4	4
" " Diarrhœa - -	13	16	19	10	14	12	9	17	8	13	11	22	14
" " Simple Cholera -	–	–	–	–	–	–	1	–	–	–	1	–	–
" " Dis. of Respiratory Organs -	409	417	397	415	487	467	535	464	541	455	448	502	544
" " Phthisis - -	163	128	133	151	170	158	167	177	168	174	167	166	199
" " Heart Diseases -	93	115	91	96	91	94	99	100	103	121	111	95	112
Violent Deaths - - -	43	45	48	55	44	50	67	65	71	56	53	48	61
Inquest Cases - - -	86	77	93	91	88	94	136	134	137	97	95	96	127
Deaths in Public Institutions	248	267	268	297	310	306	301	302	358	336	324	332	387
TEMPERATURE OF THE AIR:													
Mean - - - -	42°·8	41°·9	43°·4	39°·0	41°·8	37°·8	43°·9	36°·9	42°·9	42°·3	36°·2	35°·1	42°·6
Mean of Highest readings -	48·9	47·2	47·8	45·1	45·4	43·2	47·1	41·1	47·9	46·7	40·8	38·5	48·0
Mean of Lowest readings -	36·3	36·6	38·3	32·5	38·1	32·1	39·7	32·5	36·8	37·5	31·0	31·9	36·4
Mean Temperature of the Water of the Thames -	45·5	43·0	42·2	42·4	40·9	40·7	40·6	41·9	39·8	43·0	39·8	38·1	39·6
Humidity of the Air - -	84	86	90	87	91	79	91	82	83	80	87	92	91
Rain-fall in inches - -	1·12	1·07	0·49	0·18	0·03	0·55	0·48	0·02	0·02	0·11	0·42	0·05	0·80
Registered Sunshine (in hours)	11·9	12·3	4·5	6·0	1·5	12·2	3·5	8·1	6·5	11·6	11·8	3·8	8·2

METEOROLOGICAL OBSERVATIONS. (*See* TABLE **1.**)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the SEVENTH Week of the Year 1878.

CAUSES OF DEATH.	Average in the Seventh Weeks of the 10 years 1868-77.*	In the Week ending Saturday, February 16, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
Mean Temperature	40°8	42°6							
ALL CAUSES	1596·3	1927	412	340	144	246	331	376	78
SPECIFIED CAUSES	1585·2	1926	412	340	144	246	331	375	78
I. ZYMOTIC.									
ORDER 1.									
1. Small-pox	38·6	47	4	12	10	18	2	1	-
2. Measles	23·7	43	10	27	5	-	1	-	-
3. Scarlet Fever	36·4	32	2	16	11	3	-	-	-
4. Diphtheria	7·7	5	1	1	3	-	-	-	-
5. Quinsy	·7	-	-	-	-	-	-	-	-
6. Croup	17·5	19	2	16	1	-	-	-	-
7. Whooping-cough	69·6	124	40	71	4	-	-	-	-
8. Typhus	34·2 (Enteric or Typhoid Fev.)	2	-	-	-	1	1	-	-
— Enteric or Typhoid Fev.		24	-	4	9	7	2	2	-
— Simple continued Fev.		4	-	-	4	-	-	-	-
9. Erysipelas	7·8	5	2	-	-	-	-	3	-
10. Puerperal Fev. (Metria)	4·4	5	-	-	-	5	-	-	-
11. Carbuncle	·8	-	-	-	-	-	-	-	-
12. Influenza	·3	1	1	-	-	-	-	-	-
13. Dysentery	1·0	1	-	-	-	1	-	-	-
14. Diarrhœa	13·5	14	7	1	1	1	2	2	-
15. Simple Cholera	·2	-	-	-	-	-	-	-	-
16. Ague	·1	-	-	-	-	-	-	-	-
17. Remittent Fever	·1	-	-	-	-	-	-	-	-
18. Rheumatism	10·4	11	-	-	2	3	3	3	-
19. Other *Zymotic* Diseases	·4	-	-	-	-	-	-	-	-
ORDER 2.									
1. Syphilis	10·0	10	6	1	-	1	1	1	-
2. Stricture of Urethra	1·1	2	-	-	-	-	2	-	-
3. Hydrophobia	—	-	-	-	-	-	-	-	-
4. Glanders	—	-	-	-	-	-	-	-	-
ORDER 3.									
1. Privation	·6	1	-	-	-	-	-	1	-
2. Want of Breast-milk	9·4	9	9	-	-	-	-	-	-
3. Purpura and Scurvy	2·9	4	-	4	-	-	-	-	-
4. Alcoholism { *a* Del. Tremens	1·9	-	-	-	-	-	-	-	-
4. Alcoholism { *b* Intemperance	1·0	3	-	-	-	2	1	-	-
ORDER 4.									
1. Thrush	3·1	4	4	-	-	-	-	-	-
2. Worms, &c.	·2	-	-	-	-	-	-	-	-
II. CONSTITUTIONAL.									
ORDER 1.									
1. Gout	3·1	1	-	-	-	-	1	-	-
2. Dropsy	8·8	15	-	-	2	1	3	6	3
3. Cancer	31·1	45	-	-	-	6	19	20	-
4. Cancrum Oris (Noma)	·5	1	-	1	-	-	-	-	-
5. Mortification	2·7	7	-	-	-	-	-	5	2
ORDER 2.									
1. Scrofula	10·4	10	3	2	3	2	-	-	-
2. Tabes Mesenterica	18·7	25	11	12	1	-	1	-	-
3. Phthisis	179·0	199	5	4	25	91	59	15	-
4. Hydrocephalus	31·3	45	17	22	6	-	-	-	-
III. LOCAL.									
ORDER 1.									
1. Cephalitis	20·8	17	7	3	4	2	1	-	-
2. Apoplexy	43·2	47	3	2	2	3	10	19	8
3. Paralysis	32·5	50	1	-	2	4	12	29	2
4. Insanity	2·2	1	-	-	-	-	-	1	-
5. Chorea	·3	-	-	-	-	-	-	-	-
6. Epilepsy	6·1	5	1	-	1	2	-	1	-
7. Convulsions	58·1	59	48	11	-	-	-	-	-
8. *Brain Disease, &c.*	16·7	26	-	2	3	5	8	8	-
ORDER 2.									
1. Pericarditis	2·2	4	-	-	2	2	-	-	-
2. Aneurism	2·3	5	-	-	-	1	2	2	-
3. *Heart Disease, &c.*	83·6	103	-	2	10	18	28	37	8
ORDER 3.									
1. Laryngitis	11·8	21	9	9	1	-	1	1	-
2. Bronchitis	258·5	347	65	54	5	12	70	121	20
3. Pleurisy	4·3	9	-	-	2	-	3	4	-
4. Pneumonia	85·6	122	30	39	5	13	25	10	-
5. Asthma	20·1	26	-	-	-	2	13	10	1
6. *Lung Disease, &c.*	20·9	19	9	2	-	2	2	2	2
ORDER 4.									
1. Gastritis	2·3	3	-	-	-	-	1	2	-
2. Enteritis	4·8	7	4	1	1	-	1	-	-
3. Peritonitis	5·4	6	-	-	3	1	1	1	-
4. Ascites	2·0	3	-	-	-	2	1	-	-
5. Ulceration of Intestines	2·8	1	-	-	-	1	-	-	-
6. Hernia	4·0	9	-	1	-	-	5	3	-
7. Ileus	4·5	4	-	-	-	-	2	1	1
8. Intussusception	·7	1	1	-	-	-	-	-	-
9. Stricture of Intestines	1·0	1	-	-	-	-	-	1	-
10. Fistula	·3	-	-	-	-	-	-	-	-
11. *Stomach Disease, &c.*	7·4	5	2	-	1	-	1	1	-
12. *Pancreas Disease, &c.*	—	-	-	-	-	-	-	-	-
13. Hepatitis	4·1	3	-	-	-	2	-	1	-
14. Jaundice	3·3	3	1	-	-	-	1	1	-
15. *Liver Disease, &c.*	18·7	19	-	1	-	3	9	6	-
16. *Spleen Disease, &c.*	·6	-	-	-	-	-	-	-	-
ORDER 5.									
1. Nephritis	3·8	5	-	-	1	2	2	-	-
2. Ischuria	·4	-	-	-	-	-	-	-	-
3. Bright's Dis. (Nephria)	12·9	13	-	-	-	1	7	5	-
4. Diabetes	2·9	4	-	-	2	1	1	-	-
5. Calculus (Stone)	·8	2	-	-	-	-	1	1	-
6. Cystitis	1·2	1	-	-	-	-	-	1	-
7. *Kidney Disease, &c.*	8·6	13	-	-	3	4	3	2	1
ORDER 6.									
1. Ovarian Dropsy	·3	1	-	-	-	-	1	-	-
2. *Uterus Disease, &c.*	3·9	8	-	-	1	2	2	3	-
ORDER 7.									
1. Synovitis (Arthritis)	·4	-	-	-	-	-	-	-	-
2. *Joint Disease, &c.*	5·9	9	-	1	4	-	3	1	-
ORDER 8.									
1. Phlegmon	4·0	3	-	-	-	-	1	2	-
2. Ulcer	1·5	4	-	-	-	-	2	1	1
3. *Skin Disease, &c.*	1·7	1	1	-	-	-	-	-	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth	22·2	18	18	-	-	-	-	-	-
2. Cyanosis	2·5	2	1	1	-	-	-	-	-
3. Spina Bifida	·8	1	1	-	-	-	-	-	-
4. Other Malformations	·9	1	1	-	-	-	-	-	-
5. Teething	17·3	17	9	8	-	-	-	-	-
ORDER 2.									
1. Paramenia	—	-	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever)	5·1	8	-	-	-	6	2	-	-
ORDER 3.									
1. Old Age	58·9	53	-	-	-	-	-	25	28
ORDER 4.									
1. Atrophy and Debility	61·4	57	44	6	1	-	1	5	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	18·1	17	1	2	1	3	4	5	1
2. Wounds { Gunshot	·7	-	-	-	-	-	-	-	-
2. Wounds { Cut, Stab		1	-	-	-	1	-	-	-
3. Burns and Scalds	8·0	6	2	1	2	-	-	1	-
4. Poison	1·3	2	-	-	-	1	1	-	-
5. Drowning	4·4	4	-	-	-	2	2	-	-
6. Suffocation	10·0	20	19	-	-	-	1	-	-
7. Otherwise	4·3	2	-	-	-	1	-	1	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	1·8	2	1	-	-	1	-	-	-
ORDER 4. (SUICIDE.)									
1. Wounds { Gunshot	·2	2	-	-	-	2	-	-	-
1. Wounds { Cut, Stab	1·3	1	-	-	-	1	-	-	-
2. Poison	·7	3	-	-	-	1	1	1	-
3. Drowning	·6	-	-	-	-	-	-	-	-
4. Hanging	1·8	-	-	-	-	-	-	-	-
5. Otherwise	·3	1	-	-	-	-	1	-	-
ORDER 5. (EXECUTION.)									
1. Hanging	—	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained)	1·0	-	-	-	-	-	-	-	-
Causes not specified or ill-defined	10·1	1	-	-	-	-	-	1	-

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
LONDON	3,254,260	2447	1927	412	454	47	43	32	5	124	2	24	4	14	61	127	387
WEST DISTRICTS	561,359	358	344	68	94	1	3	6	1	20	-	7	-	3	10	24	69
NORTH DISTRICTS	751,729	535	460	85	115	29	6	16	1	26	-	8	1	2	10	29	91
CENTRAL DISTRICTS	334,369	188	165	37	36	-	4	-	-	5	-	1	1	-	10	16	46
EAST DISTRICTS	639,111	513	349	76	79	8	5	2	-	25	1	6	1	2	18	31	80
SOUTH DISTRICTS	967,692	853	609	146	130	9	25	8	3	48	1	2	1	7	13	27	101
WEST DISTRICTS.																	
St. Mary Paddington *WH*	58728	40	35	9	6	-	-	2	-	3	-	-	-	-	2	2	6
St. John Paddington *H*	38085	11	20	3	7	-	-	-	-	-	-	1	-	-	1	1	9
Kensington Town *W*	91645	67	55	15	13	-	-	2	-	5	-	-	-	1	-	4	7
Brompton *H*	28654	17	15	4	5	-	-	1	-	1	-	1	-	1	1	1	2
St. Peter Hammersmith	6662	4	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith *H*	36029	39	28	4	7	1	-	-	1	2	-	-	-	1	1	1	2
Fulham *WwH*	23350	28	17	5	6	-	-	-	-	1	-	-	-	-	-	1	4
Chelsea South *HHH*	26420	28	17	4	4	-	-	-	-	1	-	-	-	-	1	4	-
Chelsea North-west *WHHHH*	22926	12	21	2	6	-	-	-	-	-	-	-	-	-	-	-	12
Chelsea North-east	21392	12	13	3	2	-	-	1	-	-	-	1	-	-	-	1	-
Hanover Square *H*	18698	5	10	-	5	-	-	-	-	-	-	-	-	-	-	2	-
May Fair *WW*	13358	2	10	-	6	-	1	-	-	-	-	-	-	-	-	-	8
Belgrave *HH*	57972	23	34	4	11	-	1	-	-	2	-	-	-	-	2	3	9
St. John Westminster *HH*	38478	36	22	6	7	-	-	-	-	1	-	2	-	-	-	1	-
St. Margaret Westminster *WH*	27781	11	16	3	3	-	-	-	-	2	-	-	-	-	1	2	4
Golden Square *WH*	12860	5	16	2	3	-	-	-	-	-	-	1	-	-	1	1	6
Berwick-street *H*	20759	12	6	2	1	-	1	-	-	-	-	-	-	-	-	-	-
St. Anne Soho *HHHHH*	17562	6	7	1	1	-	-	-	-	2	-	1	-	-	-	-	-
NORTH DISTRICTS.																	
All Souls Marylebone *HHHH*	28579	16	10	1	1	-	1	-	-	2	-	-	-	1	-	-	3
Cavendish Square *HH*	15425	4	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone *WH*	26384	12	16	3	4	-	-	-	-	-	-	-	-	-	1	1	4
St. Mary Marylebone *HHH*	21786	23	11	3	4	-	-	-	-	3	-	-	-	-	-	1	-
Christchurch Marylebone *H*	33944	15	21	6	5	-	-	-	-	-	-	-	-	-	1	2	-
St. John Marylebone *H*	33136	11	11	1	3	-	-	1	-	-	-	-	-	-	-	2	-
Hampstead *WwHH*	32281	16	29	6	4	13	-	1	-	1	-	-	-	-	1	1	18
Regent's Park Pancras	38200	28	17	2	7	1	-	2	-	2	-	-	-	-	-	-	-
Tottenham-court *wHHH*	29370	15	27	2	8	-	2	-	-	-	-	1	-	-	-	1	11
Gray's Inn Lane *HHH*	29221	12	14	2	-	2	-	1	-	1	-	1	-	-	1	2	2
Somers Town	38533	24	26	5	6	-	-	-	-	3	-	1	-	-	1	2	-
Camden Town *WH*	17943	10	12	2	7	-	1	-	-	-	-	-	-	-	-	-	9
Kentish Town *w*	68198	59	40	8	12	-	-	3	-	3	-	-	-	-	-	4	9
Islington West *HHH*	97820	80	65	22	15	3	1	3	-	3	-	-	-	1	2	9	3
Islington East *WwwH*	115958	98	64	6	18	-	1	2	1	4	-	3	-	-	2	1	12
Stoke Newington *H*	9841	14	8	1	1	-	-	1	-	1	-	-	-	-	1	1	-
Stamford Hill	6598	4	5	-	3	-	-	-	-	-	-	-	1	-	-	-	-
West Hackney	28069	28	23	4	3	-	-	1	-	2	-	-	-	-	-	2	-
Hackney *WwwHL*	50104	39	45	5	9	9	-	1	-	-	-	2	-	-	-	-	20
South Hackney	30339	27	11	5	3	1	-	-	-	1	-	-	-	-	-	-	-
CENTRAL DISTRICTS.																	
St. George Bloomsbury	17853	9	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Giles South *WH*	19109	20	5	-	2	-	-	-	-	-	-	-	-	-	1	1	2
St. Giles North	16594	5	4	2	2	-	-	-	-	1	-	-	-	-	-	-	-
Long Acre	11379	8	7	1	4	-	-	-	-	-	-	-	-	-	-	-	-
Charing Cross *HH*	9859	4	6	1	1	-	-	-	-	1	-	-	-	-	-	-	2
St. Mary-le-Strand	9378	4	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes *H*	10723	2	7	1	-	-	-	-	-	-	-	-	-	-	1	1	6
St. George-the-Martyr *HHHHH*	20521	11	21	1	3	-	1	-	-	-	-	1	-	-	-	2	10
St. Andrew Eastern *W*	13529	4	13	-	2	-	1	-	-	-	-	-	-	-	-	-	9
Saffron Hill *H*	9066	5	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell *W*	18917	17	9	4	-	-	-	-	-	1	-	-	-	-	-	1	3
Amwell Clerkenwell	16884	9	5	3	1	-	-	-	-	-	-	-	-	-	-	1	-
Pentonville	13337	7	5	1	1	-	-	-	-	1	-	-	-	-	1	1	-
Goswell-street	16242	12	10	2	4	-	1	-	-	-	-	-	-	-	1	1	-
Old-street *H*	12161	10	3	2	-	-	-	-	-	-	-	-	1	-	1	1	-
City-road *HHL*	18301	14	15	8	2	-	-	-	-	-	-	-	-	-	2	2	1
Whitecross-street	13792	8	5	1	1	-	-	-	-	-	-	-	-	-	1	1	-
Finsbury	10741	11	5	2	1	-	1	-	-	-	-	-	-	-	-	1	-
St. Botolph East London *H*	14540	9	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Cripplegate	13638	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre *H*	7562	4	14	1	3	-	-	-	-	-	-	-	-	-	2	2	12
St. Bride *W*	11185	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Castle Baynard	4426	-	2	-	2	-	-	-	-	-	-	-	-	-	-	1	-
Christchurch	6270	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe	4753	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking	5764	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad-street *H*	7845	2	3	1	2	-	-	-	-	1	-	-	-	-	-	-	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at the foot of next page.

:VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
turday, 16th February 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
olywell Shoreditch	12430	6	5	2	-	-	-	-	-	2	-	-	-	-	-	-	-
. Leonard Shoreditch *HL*†	16545	11	9	2	2	-	-	-	-	-	-	1	-	-	-	-	1
oxton New Town *w*	27835	16	11	3	4	-	-	-	-	1	-	1	-	-	-	1	1
oxton Old Town	26933	19	10	2	3	-	-	-	-	1	-	-	-	1	-	-	-
aggerston* *WH*	43421	43	23	7	5	-	-	-	-	3	-	-	-	-	1	-	7
ackney-road *H*	29822	24	8	1	1	-	-	1	-	1	-	-	-	-	-	-	-
reen, Bethnal Green *WHL*†	42433	40	27	3	8	1	-	-	-	-	-	1	-	-	2	4	13
hurch, Bethnal Green	26577	23	12	3	2	-	-	-	-	1	-	-	-	-	1	2	-
own, Bethnal Green	21272	20	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-
pitalfields *H*	22499	14	11	3	3	-	-	-	-	2	-	1	-	-	1	2	1
ile End New Town *W*	15550	9	12	3	6	-	-	-	-	-	-	-	-	-	-	-	7
hitechapel North	11597	9	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
hitechapel Church *H*	7322	7	18	-	1	-	-	-	-	-	-	-	-		4	3	18
oodman's Fields	10381	12	3	-	-	-		-	-	1	-	2	-	-	-	-	-
ldgate	9224	2	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
. Mary St. George East	17900	13	7	1	2	-	-	-	-	-	-	-	-	-	-	1	-
. Paul St. George East	21350	16	7	4	-	-	-	-	-	1	-	-	-	-	-	-	-
. John St. George East *W*	8802	4	6	1	2	-	-	-	-	1	-	-	-	-	-	-	3
adwell *H*	11640	2	7	3	-	-	-	-	-	2	-	-	-	-	-	-	3
atcliff	16131	11	13	4	1	-	-	-	-	1	-	-	-	-	1	2	-
imehouse	29919	31	10	1	3	1	2	-	-	-	-	-	-	-	-	-	-
ile End Old Town Western	38128	22	17	4	3	2	1	1	-	1	-	-	-	-	-	1	-
ile End Old Town Eastern *WwwH*	55024	33	34	11	9	1	1	-	-	4	-	-	-	1	3	5	5
ow *wwwH*	67765	84	64	5	15	2	-	-	-	3	1	-	1	-	2	4	20
oplar *WW*	48611	42	26	12	6	1	1	-	-	-	-	-	-	-	3	6	1
SOUTH DISTRICTS.																	
bristchurch Southwark *WH*	14573	10	5	-	2	-	-	-	-	-	-	-	-	-	-	1	1
. Saviour Southwark *H*	15677	8	9	1	1	-	-	-	-	2	-	-	-	-	1	1	-
ent-road	20421	23	8	1	1	-	-	-	-	-	-	-	-	-	-	2	-
orough-road *WH*	16695	10	14	3	4	-	-	-	-	2	-	-	-	-	-	2	5
ondon-road *HL*	18961	13	11	5	1	-	-	-	-	1	-	-	-	-	-	1	-
rinity Newington	23682	25	16	4	2	-	-	-	-	4	-	-	-	-	-	-	-
. Peter Walworth *W*	48248	56	29	7	2	-	2	1	-	3	-	-	-	1	-	-	6
. Mary Newington	16792	12	11	4	-	-	-	1	-	1	-	-	-	-	-	-	-
. Olave Southwark *H*	4373	5	13	-	2	-	-	-	-	-	-	2	-	-	2	2	13
. John Horsleydown *W*	10500	5	7	3	1	-	-	-	-	1	-	-	-	1	-	-	2
eather Market	16787	13	13	3	2	-	-	-	-	3	-	-	-	-	-	-	-
. Mary Magdalen *W*	15709	9	12	2	2	-	1	-	-	4	-	-	-	-	-	1	2
. James Bermondsey	47933	33	39	9	13	1	2	-	-	9	-	-	1	-	3	4	-
otherhithe *W*	27096	26	8	1	1	-	-	-	-	1	-	-	-	-	-	-	2
aterloo-road 1st *H*	14074	17	8	4	1	-	-	-	-	1	-	-	-	-	1	2	1
aterloo-road 2nd *H*	18465	14	5	1	-	-	-	-	-	1	-	-	-	-	-	-	-
ambeth Church 1st *H*	19492	17	18	4	6	-	-	-	-	1	-	-	-	-	2	3	12
ambeth Church 2nd *WW*	35833	48	34	9	12	2	1	-	-	3	-	-	-	1	-	1	16
ennington 1st	41286	29	18	7	4	1	-	-	-	1	-	-	-	-	-	-	-
ennington 2nd	31221	20	17	3	2	1	-	1	-	3	-	-	-	-	-	1	-
rixton *w*	35435	32	26	5	2	4	1	-	1	3	1	-	-	1	-	-	4
orwood *W*	12536	8	7	1	1	-	-	-	-	-	-	-	-	-	-	-	-
lapham *H*	27347	20	23	8	6	-	1	-	-	-	-	-	-	1	-	-	-
attersea *Ww*	54016	64	33	10	8	-	1	-	-	-	-	-	-	-	1	1	5
andsworth *HL*	19783	17	12	2	4	-	-	-	-	-	-	-	-	1	-	-	8
utney	9439	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
treatham	14475	15	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-
ulwich	4041	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
amberwell *WL*†*L*†	31254	33	31	7	6	-	2	3	-	-	-	-	-	-	-	-	8
eckham *W*	42160	40	38	7	14	-	5	-	-	-	-	-	-	-	-	2	-
t. George Camberwell	33851	38	20	7	3	-	-	-	-	1	-	-	-	-	-	-	-
. Paul Deptford *w*	53714	44	30	10	6	-	1	-	-	2	-	-	-	1	1	1	-
. Nicholas Deptford	6474	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
reenwich West	21034	20	14	3	3	-	5	-	-	-	-	-	-	-	-	-	-
reenwich East *WH*	19378	11	20	3	3	-	1	1	1	-	-	-	-	-	2	2	11
ltham *H*	4539	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ee	16440	14	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ewisham Village *WH*	11513	10	7	-	5	-	-	-	-	-	-	-	-	-	-	-	2
ydenham *H*	19065	20	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
harlton *H*	9564	8	5	-	2	-	-	1	-	-	-	-	-	-	-	-	1
oolwich Dockyard	17226	17	6	3	1	-	-	-	-	-	-	-	-	-	-	-	-
oolwich Arsenal *WHH*	18331	9	7	1	2	-	-	-	1	-	-	-	-	-	-	-	-
lumstead West	13027	11	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-
lumstead East *W*	15232	11	15	5	2	-	2	-	-	1	-	-	-	-	-	-	2

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the ove Table by *w*:—

Central London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary " " ".
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechap " " Mile End Old Town Eastern sub-dist.
London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

* The two sub-districts of Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston sub-strict.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON — OUTER RING. — AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 16th February 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public
	LONDON—OUTER RING	368,414	631,381	520	327	73	92	7	7	3	1	3	4	4	12	14	3
29 : 1	Carshalton *wL* - - -	12228	13523	6	1	-	-	-	-	-	-	-	-	-	-	-	
2	Epsom (*part of*) * *WH* -	9971	9145	3	3	-	1	-	-	-	-	-	-	-	-	-	
36 : 1	Godstone (*part of*) * - -	2754	900	2	-	-	-	-	-	-	-	-	-	-	-	-	
37 : 1	Croydon *WWH* - - -	20851	71319	55	39	4	14	-	2	-	-	-	1	-	2	3	
2	Mitcham *WH* - - -	11697	12534	6	3	1	-	-	-	-	-	-	-	-	-	-	
38 : 1	Wimbledon *HH* - - -	3220	9087	6	3	-	1	-	-	-	-	-	-	-	-	-	
2	Kingston *WH* - - -	8549	27489	21	13	4	5	-	-	-	-	-	-	-	-	1	
3	Esher (*part of*) * - -	6601	7353	6	3	-	2	-	-	-	-	1	-	-	1	1	
4	Hampton - - - -	4573	10185	7	5	1	1	-	2	-	-	-	-	-	-	-	
39 : 1	Richmond *WH* - - -	2271	16829	9	8	2	4	-	-	-	-	-	-	-	-	-	
2	Mortlake - - - -	2961	9316	1	5	3	-	-	-	-	-	-	1	-	-	-	
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	23	11	6	2	-	-	-	-	-	-	-	1	-	
2	Chislehurst (*part of*) * *W* -	13665	10028	15	5	2	-	-	1	-	-	-	-	-	-	-	
41 : 1	Bexley *H* - - - -	13439	19566	7	10	1	5	-	-	-	-	1	1	-	-	-	
123 : 1	Sunbury *W* - - -	11055	9860	3	4	2	1	-	-	-	-	-	-	-	-	-	
2	Staines *W* - - - -	13277	10339	8	6	-	3	-	-	-	-	-	-	-	-	1	
124 : 1	Hillingdon *WH* - - -	6029	9712	4	2	1	-	-	-	-	-	-	-	-	-	-	
2	Uxbridge - - - -	6178	5329	4	3	2	-	-	-	-	-	-	-	1	1	1	
3	Hayes *WL* - - - -	14587	10497	4	4	1	1	-	-	-	-	-	-	-	-	-	
125 : 1	Isleworth *W* - - -	7008	19930	14	12	2	3	-	-	-	-	-	-	-	-	-	
2	Twickenham - - -	2477	10533	5	2	1	1	-	-	-	-	-	-	-	-	-	
3	Brentford *HL* - - -	4370	20279	11	14	1	1	1	-	1	-	-	-	-	-	-	
4	Chiswick - - - -	1311	8508	11	7	1	5	-	-	-	-	-	-	-	-	-	
5	Acton *WH* - - - -	6087	12683	8	5	1	-	-	-	-	-	-	-	-	-	-	
126 : 1	Harrow *H* - - - -	13809	10869	7	-	-	-	-	-	-	-	-	-	-	-	-	
2	Edgware *H* - - -	6994	3450	1	2	1	-	-	-	-	-	-	-	-	-	-	
3	Willesden - - - -	4383	15869	18	8	2	2	-	-	-	-	-	-	-	-	-	
4	Hendon *WH* - - -	8382	6972	9	2	-	2	-	-	-	-	-	-	-	-	-	
127 : 1	South Mimms - - -	15419	5924	5	3	-	2	-	-	-	-	-	-	-	-	-	
2	Barnet *W* - - - -	5423	7752	4	3	-	3	-	-	-	-	-	-	-	-	-	
3	Finchley *L* - - - -	4688	11493	11	8	2	2	-	-	-	-	1	-	-	1	1	
128 : 1	Hornsey *H* - - - -	3039	19357	24	5	2	2	-	-	-	1	-	-	-	-	-	
2	Tottenham *H* - - -	4642	22869	22	14	4	3	-	-	-	-	-	-	-	-	-	
3	Edmonton *WW* - - -	7483	13860	9	17	3	5	1	-	-	-	-	1	-	1	1	
4	Enfield *WH* - - -	12653	16054	28	9	1	4	-	-	-	-	-	-	2	-	-	
5	Waltham Abbey - - -	11017	5197	4	2	1	-	-	-	-	-	-	-	1	-	-	
6	Cheshunt - - - -	8493	7518	5	4	-	3	-	-	-	-	-	-	-	-	-	
134 : 1	Hatfield (*part of*) * - -	3180	559	-	1	-	1	-	-	-	-	-	-	-	-	-	
136 : 1	Bushey - - - -	9028	6472	10	3	-	1	-	-	-	-	-	-	-	1	1	
185 : 1	Stratford - - - -	882	23286	24	13	4	-	-	-	1	-	-	-	-	1	1	
2	West Ham *WWWW* - -	7345	44642	55	33	11	2	3	1	-	-	-	-	-	3	3	
3	Leyton *WW* - - -	4274	15513	11	6	1	1	1	-	-	-	-	-	-	-	-	
4	Walthamstow *H* - -	6619	15701	18	10	3	4	-	-	-	-	-	-	-	-	-	
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	6	6	1	1	1	-	1	-	-	-	-	-	-	
188 :	Romford (*part of*) * - -	6730	2879	-	2	-	1	-	-	-	-	-	-	-	-	-	
2	Ilford - - - - -	8492	5947	3	4	-	2	-	-	-	-	-	-	-	-	-	
3	Barking Town - - -	4128	6576	7	4	1	1	-	1	-	-	-	-	-	-	-	

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow: 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chislehurst (pop. 903); 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thornton-Bo (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 16th February 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	
ATER LONDON	446,494	4,450,015	26·4	3·8	2254	485	546	54	50	35	6	127	34	18	73	420
NNER LONDON -	78,080	3,577,304	28·1	4·3	1927	412	454	47	43	32	5	124	30	14	61	387
UTER RING -	368,414	872,711	18·6	1·7	327	73	92	7	7	3	1	3	4	4	12	33

TE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal ·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area ,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, ich 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than les to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,748,437 Persons.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	January 12	–	336	40·8	Enteric and simple fevers 99; cholera 16.
BOMBAY - -	644,405	„ 8	–	538	43·4	Small-pox 5; remittent fever 197; cholera 10.
MADRAS - -	397,552	December 21	280	637	83·3	Small-pox 35; fevers 144; dysentery 78.
PARIS - - -	1,988,806	February 14	–	1072	28·0	Typhoid fever 16; croup 33; diphtheria 34.
GENEVA - -	68,792	„ 9	38	34	25·8	—
BRUSSELS - -	175,782	„ 9	105	89	26·4	Measles 3.
AMSTERDAM -	302,266	„ 9	209	168	28·9	Scarlet fever 4.
ROTTERDAM -	142,585	„ 9	96	78	28·3	Whooping-cough 4.
THE HAGUE -	107,896	„ 9	85	55	26·5	—
COPENHAGEN -	220,000	„ 5	160	109	25·9	Diphtheria 2.
STOCKHOLM -	146,845	„ 2	–	67	23·7	—
CHRISTIANIA -	105,000	„ 9	75	39	19·3	—
ST. PETERSBURGH	669,741	January 26	–	686	53·3	Small-pox 7; tphs., ent., and simple fevers 152.
BERLIN - -	1,019,620	„ 26	840	433	22·1	Scarlet fever 16; diphtheria 13.
HAMBURG (State)	393,588	„ 26	319	220	29·2	Whooping-cough 13.
DRESDEN - -	207,845	February 2	151	86	21·5	Diphtheria and croup 5.
BRESLAU - -	267,000	„ 9	243	153	29·8	—
MUNICH - -	222,000	„ 9	195	149	35·0	Typhus and typhoid fever 3.
VIENNA - -	727,271	„ 9	478	439	31·4	Small-pox 10; diphtheria 27.
BUDA-PESTH -	319,530	„ 2	287	248	40·3	Typhus and typhoid fev. 12; sm.-pox 4; diph. 6.
ROME - - -	282,214	January 5	160	198	36·6	Small-pox 2.
NAPLES - -	457,407	„ 14	–	353	40·3	Diphtheria 4.
TURIN - -	227,843	„ 26	132	162	37·1	Typhus and typhoid fev. 5; diph. and croup 6.
VENICE - -	139,796	February 9	58	83	31·0	Typhus and typhoid fev. 2; diph. and croup 2.
ALEXANDRIA -	212,034	January 31	193	180	44·3	Whooping-cough 7.
		February 7	206	209	51·4	Whooping-cough 7; diphtheria 3.
NEW YORK -	1,084,528	January 19	–	–	–	—
BROOKLYN -	549,438	„ 19	–	186	17·6	Scarlet fever 16; diphtheria 16.
PHILADELPHIA	876,118	„ 26	–	303	18·0	Scar. fev. 6; diphth. 10; typhoid fever 9.
BOSTON - -	363,000	„ 19	–	131	18·7	Diphtheria 13.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 16th FEBRUARY, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Between Dew Point and Air Temperature. Greatest.	Between Dew Point and Air Temperature. Least.	Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure on square foot. Greatest.	Osler's. Pressure on square foot. Least.	Osler's. Pressure on square foot. Mean of 24 Obs	Robinson's. Amount of Horizontal Movement of Air each day.	Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
FEBRUARY.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN.	10	First Quarter	29·773	42·7	32·4	10·3	38·3	38·3	49·5	31·8	38·8	37·3	0·0	0·7	0·0	− 0·7	100	SW.	SW.&NNE.	0·0	0·0	0·0	62	−272	0·16	0·0
MON.	11	..	29·814	43·3	35·6	7·7	39·1	35·4	54·7	34·1	39·3	37·8	3·7	7·3	0·0	+ 0·1	87	NE.&ENE.	ENE. & ESE.	0·0	0·0	0·0	109	−214	0·00	0·0
TUES.	12	..	30·061	44·8	33·7	11·1	38·3	30·9	93·6	30·2	39·8	38·1	7·4	13·4	1·1	− 0·6	75	NE.E.&SE.	SE.	2·6	0·0	0·2	229	− 85	0·03	9·5
WED.	13	Greatest Dec. N.	29·776	50·8	34·7	16·1	45·1	42·9	69·0	32·3	39·8	38·3	2·2	6·3	0·6	+ 6·2	92	SSE. & SW.	SW.&SSW.	3·6	0·0	0·5	304	− 1	0·08	8·0
THURS	14	..	29·676	49·4	41·3	8·1	45·7	44·2	53·5	36·2	41·1	38·7	1·5	3·4	0·0	+ 6·9	95	ESE. & S.	SSW.&SW.	2·9	0·0	0·4	258	− 40	0·51	6·5
FRI.	15	..	29·911	51·3	36·0	15·3	44·7	44·0	79·3	32·4	42·1	39·3	0·7	4·6	0·0	+ 6·0	97	S. & SSE.	S. SW. & WSW.	2·0	0·0	0·3	288	− 5	0·02	5·6
SAT.	16	..	30·124	53·7	41·1	12·6	46·9	43·8	87·6	37·8	43·3	40·3	3·1	8·6	0·7	+ 8·2	89	SW.	SW.	2·3	0·0	0·2	354	+ 68	0·00	3·6
MEANS		..	29·876	48·0	36·4	11·6	42·6	39·9	69·6	33·5	40·6	38·5	2·7	6·3	0·3	+ 3·7	91	SW. SE. & NE.		..	..	..	Sum 1604	Sum −549	Sum 0·80	4·7
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. FEBRUARY.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY	10	The electrical apparatus was not in action throughout the week.	0·0	9·6	Overcast. Rain and fog.
MONDAY	11		0·0	9·7	Generally overcast.
TUESDAY	12		6·1	9·8	A very fine day. Light clouds prevailed during the day. Lunar halo in evening. Overcast with rain after 11h. P.M.
WEDNESDAY	13		0·0	9·8	Overcast with slight exceptions. Rain fell during the morning. Lunar halo seen for a short time about 6h. P.M.
THURSDAY	14		0·0	9·9	Overcast. Rain fell throughout the morning and until 2h. P.M.
FRIDAY	15		0·3	9·9	Cloudy. Thin rain fell in the evening.
SATURDAY	16		1·8	10·0	Cloudy. Portions of a solar halo seen occasionally in the afternoon. Slight rain in evening.
..		..	Sum 8·2	Sum 68·7	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page 217.*

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and − "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 30·00 in. at the beginning of the week to 29·74 in. by 9h. P.M. on the 10th; increased to 30·10 in. by noon on the 12th; decreased to 29·64 in. by 3h. P.M. on the 14th;

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
25th February, 1878.

United Kingdom.

During last week 6231 *births* and 4146 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The natural increase of population was 2085. The m[illegible] was at the average rate of 26 deaths annually in every 1[illegible] annual death-rate was 26 per 1000 in Edinburgh, 22 i[illegible]

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Leicester 15, Leeds 19, Newcastle 20, Oldham 22, Bristol 23, Portsmouth 24, Bradford 24, Salford 25, Hull 25, London 26, Nottingham 26, Sunderland 26, Wolverhampton 27, Sheffield 27, Birmingham 29, Manchester 29, Liverpool 29, Brighton 32, Plymouth 32, and the highest rate 37 in Norwich. Whooping-cough showed exceptional fatality in Plymouth, Birmingham, and Oldham; and scarlet fever in Sheffield and Manchester. During the past five weeks no fatal case of small-pox was registered in any of the nineteen large provincial towns, whereas 213 were recorded in London.

London.

In London 2630 births and 1756 deaths were registered. Allowing for increase of population, the births exceeded by 106, and the deaths by 23, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 26·4 and 28·1 per 1000, declined last week to 25·6. During the past eight weeks of the current quarter the death-rate in London has averaged 26·7 per 1000, against 25·3 in the nineteen provincial towns; in the corresponding periods of 1876 and 1877 the metropolitan death-rate did not exceed 25·5 and 21·7 per 1000, respectively.

The 1756 deaths included 39 from small-pox, 40 from measles, 34 from scarlet fever, 9 from diphtheria, 100 from whooping-cough, 24 from different forms of fever, and 11 from diarrhœa; thus to the seven principal diseases of the zymotic class 257 deaths were referred, against 306 and 295 in the two preceding weeks. Whooping-cough is still the most fatally prevalent zymotic disease in London, and caused 100 deaths last week, against 114 and 124 in the two preceding weeks; 6 occurred in Kensington, 6 in Shoreditch, 8 in Bermondsey, 10 in Lambeth, and 9 in Camberwell. The 40 deaths from measles included 18 in South London; 4 were returned in Holborn, 4 in Camberwell, and 7 in Greenwich. Of the 34 deaths from scarlet fever, 7 occurred in Islington, 5 in Kensington and Paddington, and 3 in Kentish Town. The 9 fatal cases of diphtheria included 2 in Paddington, 2 in Islington, and 2 in Camberwell. The deaths referred to fever, which had been 28 and 30 in the two preceding weeks, declined to 24 last week, and were 12 below the corrected average number in the corresponding week of the last ten years; 5 were fatal cases of typhus, 16 of enteric or typhoid, and 3 of simple continued fever. The 5 deceased typhus patients had resided at:—53, Longfellow Road, Mile End Old Town; 2, Norfolk Place, Bermondsey; 7, High Street, Lambeth; 4, Byng Street, Millwall (Poplar); and 4, Oldridge Road, Clapham.

The deaths from small-pox, which had been 55 and 47 in the two preceding weeks, further declined to 39 last week, of which 24 occurred in the Metropolitan Asylum Hospitals, one in the Highgate Small-pox Hospital, one in the London Hospital, and 13 in private dwelling-houses. Five of the deceased small-pox patients had resided in Pancras, 4 in Fulham, 4 in Islington, and 3 in Mile End Old Town. The 14 deaths from small-pox in private dwelling-houses included 2 in

Fulham, 2 in Islington, and 2 in Mile End Old Town. Small-pox is said to be prevalent in Great Ormond Yard, Holborn. Of the 39 fatal cases of small-pox, 12 were certified as unvaccinated, and 16 as vaccinated; while in the remaining 11 cases the medical certificates of the cause of death did not give any information as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which did not exceed 137 at the beginning of October last, had increased to 554 and 630 at the end of the last two weeks; 173 new cases were admitted to these hospitals during last week (a larger number than in any week since the end of May last), against 127 and 139 in the two previous weeks. The Highgate Small-pox Hospital contained 61 patients on Saturday last, against 56 and 57 on the two preceding Saturdays.

The deaths referred to diseases of the respiratory organs, which had been 502 and 544 in the two previous weeks, declined to 475 last week; this number, however, exceeded the corrected weekly average by 50, and included 331 fatal cases of bronchitis, and 92 of pneumonia.

Different forms of violence caused 60 deaths; 48 were the result of negligence or accident, including 13 from fractures and contusions, 10 from burns and scalds, 6 from drowning, 5 from poison, and 9 of infants under one year of age from suffocation. The 13 deaths from fractures and contusions were thus caused:—male aged 55, run over by an omnibus; male 49, thrown from a cart; male 70, knocked down by a horse; male 25, run over on the Midland Railway; male 30, run over on railway; male 16, crushed between railway trucks; female 72, fell down stairs; female 48, fell down steps; male 57, fell in the street; female 6, fell off a form; female 13 weeks, concussion of brain, by blow against mantelshelf; male 62, injured by plank falling upon him; and male 40, fractured skull (not stated how). An inquest was held in each of these 13 cases. The death of a sewer-labourer at Hammersmith, was referred to "blood impurity from sewer gas, vital depression 5 days."

In the large Public Institutions 353 deaths were recorded, or 20 per cent. of the total deaths; of these, 228 occurred in Workhouse Establishments, 119 in Hospitals, and 6 in Lunatic Asylums. The London Fever Hospital contained 57 patients on Saturday last, of whom 41 were under treatment for scarlet fever, 7 for enteric fever, 2 for diphtheria, one for typhus, and one for measles.

Greater London.

In the Greater London 3177 births and 2081 deaths were registered, equal to annual rates of 37·2 and 24·4 per 1000 of the population. In the Outer Ring, 2 fatal cases of small-pox were registered in Edmonton, one in Hillingdon, and one in West Ham sub-districts. Four deaths from scarlet fever were recorded in the district of West Ham.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 40, Bombay 42, Madras 87; Paris 30; Geneva 33; Brussels 36; Amsterdam 33, Rotterdam 33, The Hague 27; Copenhagen 24; Stockholm 27; Christiania 23; St. Petersburgh 54; Berlin 24, Hamburg 28, Dresden 22, Breslau 26, Munich 38; Vienna 33; Rome 28, Naples 39, Turin 37; Venice 31; Alexandria 52; New York 23, Brooklyn 18, Philadelphia 18, and Boston 18. The 692 deaths in St. Petersburgh included 50 from typhus, 77 from enteric fever, and 30 from relapsing fever, besides 21 from diphtheria.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30·21 in.; the lowest reading was 29·93 in. on Monday morning, and the highest 30·46 in. on Friday morning. The mean temperature of the *air* was 46°·5, and 7°·6 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed a marked excess on each day of the week, and on Sunday 17th was equal to 52°·7, which was 14°·0 above the average. The lowest night temperature was 36°·2 on Tuesday, and the highest day temperature in the shade 60°·5 on Sunday; the extreme range in the week was, therefore, 24°·3. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 100°·1 on Monday. The difference between the mean *dew-point* and *air* temperature averaged 5°·0. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 45°·1. The mean degree of *humidity* of the air was 83, complete saturation being represented by 100; the air was therefore of its average dryness. The general direction of the *wind* was south-west, and the horizontal movement of the air averaged 9·5 miles per hour, which was 2·5 below the average in the corresponding week of 16 years. *Rain* to the amount of 0·03 of an inch was measured on Monday. The duration of registered sunshine in the week was 15·8 hours, the sun being above the horizon during 71·9 hours; the recorded duration of sunshine was, therefore, equal to 22·0 per cent. of its possible duration.

Table 1.—Births and Deaths registered, and Meteorology,* in 23 Towns of the United Kingdom, during the Week ending Saturday, the 23rd February 1878.

Cities and Boroughs. (*Municipal Boundaries, except for* London *and* Dublin.)	Area in Acres, exclusive of tidal water and foreshore.	Population estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 23rd February 1878. Births.	Deaths.	Temperature of the Air. (Fahrenheit.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Temperature of the Air. (Centigrade.) Weekly Mean of the Daily Mean Values.	Rain Fall. In Inches.	In Centimetres.
In 23 Towns in the United Kingdom	220,845	8,373,953	37·9	6231	4146	62·0	31·9	46·3	7·95	0·08	0·20
London	75,362	3,577,304	47·5	2630	1756	60·5	36·2	46·5	8·06	0·03	0·08
Brighton	2,354	103,923	44·1	46	63	51·8	35·0	45·4	7·44	0·00	0·00
Portsmouth	4,486	129,461	28·9	99	59	–	–	–	–	–	–
Norwich	7,472	84,620	11·3	59	60	57·5	37·0	46·5	8·06	0·02	0·05
Plymouth	1,395	73,599	52·8	34	45	54·5	38·0	46·5	8·06	0·19	0·48
Bristol	4,452	206,419	46·4	139	89	59·6	35·0	47·0	8·33	0·12	0·30
Wolverhampton	3,396	74,240	21·9	45	38	52·4	32·5	42·9	6·06	0·02	0·05
Birmingham	8,400	383,117	45·6	336	211	–	–	–	–	–	–
Leicester	3,200	121,473	38·0	99	35	59·0	34·8	45·5	7·50	0·11	0·28
Nottingham	9,960	165,267	16·6	123	83	59·8	31·9	45·2	7·33	0·06	0·15
Liverpool	5,210	532,681	102·2	450	299	61·9	38·2	46·4	8·00	0·05	0·13
Manchester	4,293	360,514	84·0	254	202	–	–	–	–	–	–
Salford	5,170	170,251	32·9	154	82	60·4	31·9	44·7	7·06	0·03	0·08
Oldham	4,666	107,366	23·0	73	45	–	–	–	–	–	–
Bradford	7,220	185,088	25·6	116	86	58·6	40·8	46·7	8·17	0·01	0·03
Leeds	21,572	304,948	14·1	231	112	62·0	39·0	47·7	8·72	0·00	0·00
Sheffield	19,651	289,537	14·7	229	152	58·0	37·0	46·6	8·12	0·01	0·03
Hull	3,635	143,139	39·4	139	69	58·0	33·0	45·5	7·50	0·06	0·15
Sunderland	3,306	112,459	34·0	95	57	58·0	39·0	48·1	8·95	0·00	0·00
Newcastle-on-Tyne	5,371	144,570	26·9	90	56	–	–	–	–	–	–
Edinburgh	4,191	222,371	53·1	147	111	55·8	33·2	46·4	8·00	0·12	0·30
Glasgow	6,033	566,940	94·0	459	236	53·2	39·0	47·7	8·72	0·34	0·86
Dublin	10,050	314,666	31·3	184	200	61·8	33·8	47·6	8·67	0·25	0·63

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.

† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

Table 2.—Deaths and Rate of Mortality in 20 large English Towns, having an estimated population of 7,269,976 persons, and in Dublin, during the Week ending Saturday the 23rd February 1878.

Boroughs, &c. (*Municipal Boundaries, except for* London *and* Dublin.)	Annual Rate of Mortality per 1000 living. From All Causes.	From Seven Zymotic Diseases.	Deaths from all Causes.	The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
In 20 Towns	25·8	3·5	3599	839	824	39	67	88	16	195	44	41	115	213	610
London	25·6	3·7	1756	397	442	39	40	34	9	100	24	11	60	115	353
Brighton	31·6	1·5	63	13	22	–	1	–	–	1	1	–	1	2	12
Portsmouth	23·8	3·2	59	11	22	–	1	–	–	6	–	1	1	3	8
Norwich	37·0	1·8	60	12	27	–	–	–	–	3	–	–	–	–	3
Plymouth	31·9	7·1	45	13	10	–	–	2	–	8	–	–	2	2	2
Bristol	22·5	2·3	89	21	20	–	1	–	1	2	1	4	4	6	15
Wolverhampton	26·7	2·1	38	7	8	–	–	2	–	1	–	–	–	–	7
Birmingham	28·7	4·5	211	57	41	–	1	4	1	20	2	5	9	17	34
Leicester	15·0	3·0	35	15	5	–	–	–	–	7	–	–	2	4	4
Nottingham	26·2	1·9	83	14	21	–	3	1	–	2	–	–	2	2	9
Liverpool	29·3	5·3	299	67	44	–	16	5	3	16	5	9	7	10	51
Manchester	29·2	3·3	202	33	47	–	3	13	–	5	2	–	3	19	45
Salford	25·1	2·2	82	24	16	–	–	1	–	4	1	1	–	1	6
Oldham	21·9	3·9	45	12	6	–	–	1	–	7	–	–	4	4	3
Bradford	24·2	2·0	86	25	13	–	–	1	–	3	–	3	1	3	10
Leeds	19·2	1·4	112	31	22	–	–	2	1	1	3	1	5	10	12
Sheffield	27·4	3·4	152	33	29	–	–	17	–	–	1	1	3	3	14
Hull	25·2	1·5	69	16	14	–	–	–	–	2	1	1	5	4	12
Sunderland	26·5	4·6	57	20	10	–	–	3	–	3	2	2	4	6	3
Newcastle-on-Tyne	20·2	4·0	56	18	5	–	1	2	1	4	1	2	2	2	7
Dublin	33·2	6·1	200	28	56	2	8	1	–	16	5	5	–	–	47

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the EIGHTH Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2315	2223	2368	2463	2328	2315	2330	2348	2445	2450	2358·5	2630
Males . .	1159	1153	1225	1278	1210	1179	1185	1214	1274	1229	1210·6	1348
Females .	1156	1070	1143	1185	1118	1136	1145	1134	1171	1221	1147·9	1282
TOTAL **Deaths**	1336	1419	1861	1633	1483	1664	1754	1854	1691	1495	1619·5	1756
Males . .	683	709	955	808	749	822	884	960	870	755	819·5	872
Females .	653	710	906	825	739	842	870	894	821	740	800·0	884

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868-77 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Dec. 1.	Dec. 8.	Dec. 15.	Dec. 22.	Dec. 29.	Jan. 5.	Jan. 12.	Jan. 19.	Jan. 26.	Feb. 2.	Feb. 9.	Feb. 16.	Feb. 23.
TOTAL **Deaths** - - -	1579	1547	1613	1761	1757	1892	1760	1903	1864	1703	1813	1927	1756
0—20 - -	804	816	786	944	868	911	867	918	899	788	855	896	839
20—40 - -	219	183	218	205	217	244	230	240	203	248	245	246	212
40—60 - -	248	265	241	273	274	317	288	298	335	276	305	331	263
60—80 - -	267	238	307	282	331	345	309	373	359	320	326	376	358
at 80 years & upwds.	41	45	61	57	67	75	66	74	68	71	82	78	84
Deaths of children: Under 1 year -	375	391	359	417	398	436	380	416	409	318	393	412	397
Deaths of children: 1—5 - - -	320	316	302	400	367	378	363	397	365	342	344	340	326
Deaths of children: 5—20 - -	109	109	125	127	103	97	124	105	125	128	118	144	116
Deaths from 7 principal Zymotic Diseases	248	234	248	301	311	292	299	291	304	266	306	295	257
" " Smallpox - -	31	25	31	31	29	26	35	51	34	38	55	47	39
" " Measles - -	81	76	92	102	109	104	97	77	63	56	40	43	40
" " Scarlet Fever -	52	46	54	46	31	31	39	35	39	43	37	32	34
" " Diphtheria -	5	5	10	3	12	5	9	5	6	9	10	5	9
" " Whooping-cough	27	36	25	64	82	89	69	94	117	89	114	124	100
" " Typhus fever -	1	5	3	6	7	1	7	4	3	5	3	2	5
" " Enteric (or Typhoid) fever -	30	21	20	27	23	23	19	15	23	12	21	24	16
" " Simple Cont^d fever	5	1	3	8	6	4	7	2	6	3	4	4	3
" " Diarrhœa - -	16	19	10	14	12	9	17	8	13	11	22	14	11
" " Simple Cholera -	–	–	–	–	–	1	–	–	–	1	–	–	–
" " Dis. of Respiratory Organs -	417	397	415	487	467	535	464	541	455	448	502	544	475
" " Phthisis - -	128	133	151	170	158	167	177	168	174	167	166	199	168
" " Heart Diseases -	115	91	96	91	94	99	100	103	121	111	95	112	108
Violent Deaths - - -	45	48	55	44	50	67	65	71	56	53	48	61	60
Inquest Cases - - -	77	93	91	88	94	136	134	137	97	95	96	127	115
Deaths in Public Institutions	267	268	297	310	306	301	302	358	336	324	332	387	353
TEMPERATURE OF THE AIR:													
Mean - - - -	41°·9	43°·4	39°·0	41°·8	37°·8	43°·9	36°·9	42°·9	42°·3	36°·2	35°·1	42°·6	46°·5
Mean of Highest readings -	47·2	47·8	45·1	45·4	43·2	47·1	41·1	47·9	46·7	40·8	38·5	48·0	52·7
Mean of Lowest readings -	36·6	38·3	32·5	38·1	32·1	39·7	32·5	36·8	37·5	31·0	31·9	36·4	41·5
Mean Temperature of the Water of the Thames -	43·0	42·2	42·4	40·9	40·7	40·6	41·9	39·8	43·0	39·8	38·1	39·6	45·1
Humidity of the Air - -	86	90	87	91	79	91	82	83	80	87	92	91	83
Rain-fall in inches - -	1·07	0·49	0·18	0·03	0·55	0·48	0·02	0·02	0·11	0·42	0·05	0·80	0·03
Registered Sunshine (in hours)	12·3	4·5	6·0	1·5	12·2	3·5	8·1	6·5	11·6	11·8	3·8	8·2	15·8

METEOROLOGICAL OBSERVATIONS. (*See* TABLE **1.**)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the EIGHTH Week of the Year 1878.

CAUSES OF DEATH.	Average in the Eighth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, February 23, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature -	40°·3	46°·5							
ALL CAUSES - -	1619·5	1756	397	326	116	212	263	358	84
SPECIFIED CAUSES	1613·7	1754	396	325	116	212	263	358	84
I. ZYMOTIC.									
ORDER 1.									
1. Small-pox - - -	43·0	39	2	6	13	11	7	-	-
2. Measles - - -	28·7	40	7	32	1	-	-	-	-
3. Scarlet Fever - -	38·5	34	2	19	12	1	-	-	-
4. Diphtheria - -	5·7	9	1	2	4	2	-	-	-
5. Quinsy - - -	·8	-	-	-	-	-	-	-	-
6. Croup - - -	16·2	11	-	10	1	-	-	-	-
7. Whooping-cough -	66·1	100	32	61	7	-	-	-	-
8. Typhus - - -	33·7 (Enteric or Typhoid Fev. — Simple continued Fev.)	5	-	-	2	2	1	-	-
— Enteric or Typhoid Fev.		16	-	2	7	4	3	-	-
— Simple continued Fev.		3	-	-	2	-	1	-	-
9. Erysipelas - -	7·6	8	4	-	-	-	1	3	-
10. Puerperal Fev. (Metria)	5·4	3	-	-	-	3	-	-	-
11. Carbuncle - -	·6	-	-	-	-	-	-	-	-
12. Influenza - - -	·8	-	-	-	-	-	-	-	-
13. Dysentery - -	2·2	2	-	-	-	1	-	1	-
14. Diarrhœa - - -	13·6	11	8	-	-	-	-	2	1
15. Simple Cholera - -	·3	-	-	-	-	-	-	-	-
16. Ague - - - -	·3	-	-	-	-	-	-	-	-
17. Remittent Fever -	·3	-	-	-	-	-	-	-	-
18. Rheumatism - -	10·8	9	-	-	1	4	2	1	1
19. Other *Zymotic* Diseases	·4	1	-	-	1	-	-	-	-
ORDER 2.									
1. Syphilis - - -	8·9	13	12	1	-	-	-	-	-
2. Stricture of Urethra -	1·2	4	-	-	-	-	3	1	-
3. Hydrophobia - -	·2	-	-	-	-	-	-	-	-
4. Glanders - - -	—	-	-	-	-	-	-	-	-
ORDER 3.									
1. Privation - - -	·5	2	-	-	-	-	1	1	-
2. Want of Breast-milk	8·3	7	7	-	-	-	-	-	-
3. Purpura and Scurvy -	1·2	8	-	4	-	4	-	-	-
4. Alcoholism { *a* Del. Tremens	1·5	-	-	-	-	-	-	-	-
{ *b* Intemperance	1·0	3	-	-	-	-	2	1	-
ORDER 4.									
1. Thrush - - -	3·2	-	-	-	-	-	-	-	-
2. Worms, &c. - -	—	1	-	-	-	1	-	-	-
II. CONSTITUTIONAL.									
ORDER 1.									
1. Gout - - - -	2·9	2	-	-	-	-	-	2	-
2. Dropsy - - -	12·5	7	1	1	1	-	-	4	-
3. Cancer - - -	36·0	43	-	-	-	5	20	17	1
4. Cancrum Oris (Noma)	·4	-	-	-	-	-	-	-	-
5. Mortification - -	5·1	5	-	-	-	-	-	2	3
ORDER 2.									
1. Scrofula - - -	11·9	6	1	3	2	-	-	-	-
2. Tabes Mesenterica -	21·9	22	8	12	1	1	-	-	-
3. Phthisis - - -	175·6	168	2	6	10	85	59	6	-
4. Hydrocephalus - -	30·2	41	20	17	4	-	-	-	-
III. LOCAL.									
ORDER 1.									
1. Cephalitis - - -	19·1	30	10	11	3	5	1	-	-
2. Apoplexy - - -	44·6	41	1	1	-	1	8	23	7
3. Paralysis - - -	33·7	26	-	1	-	2	8	12	3
4. Insanity - - -	2·1	4	-	-	-	-	3	1	-
5. Chorea - - -	·1	1	-	-	1	-	-	-	-
6. Epilepsy - - -	6·1	4	1	-	-	2	-	1	-
7. Convulsions - -	61·7	61	44	14	3	-	-	-	-
8. *Brain Disease, &c.* -	19·5	24	1	1	2	7	6	7	-
ORDER 2.									
1. Pericarditis - -	3·0	2	-	-	1	-	-	1	-
2. Aneurism - - -	3·7	4	-	-	-	1	3	-	-
3. *Heart Disease, &c.* -	82·2	102	1	1	7	13	28	49	3
ORDER 3.									
1. Laryngitis - - -	14·7	10	5	4	-	-	1	-	-
2. Bronchitis - - -	250·9	331	79	61	8	9	35	111	28
3. Pleurisy - - -	3·5	6	-	-	-	2	3	1	-
4. Pneumonia - -	90·9	92	29	27	7	7	11	11	-
5. Asthma - - -	16·9	14	-	-	-	2	6	5	1
6. *Lung Disease, &c.* -	20·4	22	8	4	1	1	3	4	1

CAUSES OF DEATH.	Average in the Eighth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, February 23, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature -	40°·3	46°·5							
ORDER 4.									
1. Gastritis - - -	2·2	3	1	-	-	1	1	-	-
2. Enteritis - - -	4·4	5	2	-	-	2	-	-	1
3. Peritonitis - - -	5·5	3	-	-	-	-	2	1	-
4. Ascites - - -	1·7	1	-	-	-	-	-	1	-
5. Ulceration of Intestines	2·6	2	-	-	-	1	1	-	-
6. Hernia - - -	3·2	5	1	-	-	-	1	3	-
7. Ileus - - - -	2·9	6	-	-	1	1	1	3	-
8. Intussusception -	1·2	1	-	-	-	-	-	1	-
9. Stricture of Intestines	1·1	1	-	-	-	-	1	-	-
10. Fistula - - -	·8	-	-	-	-	-	-	-	-
11. *Stomach Disease, &c.* -	6·8	12	3	2	-	2	1	4	-
12. *Pancreas Disease, &c.*	—	-	-	-	-	-	-	-	-
13. Hepatitis - - -	4·4	6	-	-	-	2	2	2	-
14. Jaundice - - -	4·5	-	-	-	-	-	-	-	-
15. *Liver Disease, &c.* -	21·2	23	-	-	-	5	11	7	-
16. *Spleen Disease, &c.* -	·5	-	-	-	-	-	-	-	-
ORDER 5.									
1. Nephritis - - -	3·6	1	-	-	-	-	-	1	-
2. Ischuria - - -	·2	-	-	-	-	-	-	-	-
3. Bright's Dis. (Nephria)	13·3	10	-	-	-	3	2	5	-
4. Diabetes - - -	2·9	4	-	-	-	2	2	-	-
5. Calculus (Stone) -	·9	-	-	-	-	-	-	-	-
6. Cystitis - - -	1·9	-	-	-	-	-	-	-	-
7. *Kidney Disease, &c.* -	9·0	11	-	-	1	4	1	4	1
ORDER 6.									
1. Ovarian Dropsy -	·8	-	-	-	-	-	-	-	-
2. *Uterus Disease, &c.* -	5·0	-	-	-	-	-	-	-	-
ORDER 7.									
1. Synovitis (Arthritis)	·8	2	-	-	2	-	-	-	-
2. *Joint Disease, &c.* -	7·8	8	1	1	5	1	-	-	-
ORDER 8.									
1. Phlegmon - - -	2·4	4	1	1	1	-	1	-	-
2. Ulcer - - - -	1·2	2	-	-	-	-	-	2	-
3. *Skin Disease, &c.* -	1·5	3	2	-	-	-	1	-	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth -	24·9	22	22	-	-	-	-	-	-
2. Cyanosis - - -	2·6	1	1	-	-	-	-	-	-
3. Spina Bifida - -	·5	2	2	-	-	-	-	-	-
4. Other Malformations	1·8	-	-	-	-	-	-	-	-
5. Teething - - -	18·5	19	12	7	-	-	-	-	-
ORDER 2.									
1. Paramenia - - -	—	-	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever) - -	6·0	4	-	-	-	3	1	-	-
ORDER 3.									
1. Old Age - - -	59·4	69	-	-	-	-	-	39	30
ORDER 4.									
1. Atrophy and Debility	60·4	67	46	9	-	-	3	9	
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	18·3	13	1	-	2	2	5	3	-
2. Wounds { Gunshot	·8	-	-	-	-	-	-	-	-
{ Cut, Stab		-	-	-	-	-	-	-	-
3. Burns and Scalds -	7·0	10	1	4	1	-	1	3	-
4. Poison - - -	1·5	5	-	-	-	2	1	2	-
5. Drowning - - -	4·4	6	1	-	-	-	4	-	1
6. Suffocation - -	11·6	11	9	-	-	-	-	-	2
7. Otherwise - - -	3·4	3	1	-	-	-	2	-	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	2·9	4	3	-	-	1	-	-	-
ORDER 4. SUICIDE.)									
1 Wounds { Gunshot -	·2	-	-	-	-	-	-	-	-
{ Cut, Stab -	·4	3	-	-	-	1	1	1	-
2. Poison - - -	·8	2	-	-	-	2	-	-	-
3. Drowning - - -	1·3	2	-	-	1	1	-	-	-
4. Hanging - - -	1·7	1	-	-	-	-	1	-	-
5. Otherwise - - -	·4	-	-	-	-	-	-	-	-
ORDER 5. (EXECUTION.)									
1. Hanging - - -	—	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - -	·6	1	-	1	-	-	-	-	-
Causes not specified or ill-defined - - -	5·2	1	1	-	-	-	-	-	-

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
LONDON	3,254,260	2630	1756	397	442	39	40	34	9	100	5	16	3	11	60	115	353
WEST DISTRICTS	561,359	439	269	51	73	10	3	6	3	21	-	1	1	1	5	11	53
NORTH DISTRICTS	751,729	611	402	86	113	18	4	16	2	14	-	8	-	7	15	32	97
CENTRAL DISTRICTS	334,369	211	159	37	34	1	7	4	-	4	-	1	1	1	14	22	38
EAST DISTRICTS	639,111	548	366	89	90	5	8	2	-	20	1	3	1	-	8	23	82
SOUTH DISTRICTS	967,692	821	560	134	132	5	18	6	4	41	4	3	-	2	18	27	83
WEST DISTRICTS.																	
St. Mary Paddington *WH*	58728	53	23	5	9	-	-	-	-	-	-	-	-	-	-	1	2
St. John Paddington *H*	38085	12	18	1	5	-	-	2	2	1	-	-	1	-	-	-	6
Kensington Town *W*	91645	95	47	10	11	-	-	3	1	4	-	-	-	1	1	1	3
Brompton *H*	28654	11	18	2	6	-	-	-	-	2	-	-	-	-	-	-	3
St. Peter Hammersmith	6662	4	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith *H*	36029	46	13	5	3	-	-	-	-	1	-	-	-	-	1	-	-
Fulham *WwH*	23350	30	25	2	4	10	-	1	-	1	-	1	-	-	-	1	11
Chelsea South *HHH*	26420	18	10	2	4	-	-	-	-	1	-	-	-	-	-	-	1
Chelsea North-west *WHHHH*	22926	21	11	3	3	-	-	-	-	1	-	-	-	-	-	-	6
Chelsea North-east	21392	24	9	4	-	-	1	-	-	1	-	-	-	-	-	-	-
Hanover Square *H*	18698	11	6	2	1	-	-	-	-	1	-	-	-	-	-	-	1
May Fair *WW*	13358	9	5	1	1	-	-	-	-	-	-	-	-	-	-	-	4
Belgrave *HH*	57972	42	21	2	5	-	1	-	-	2	-	-	-	-	2	2	4
St. John Westminster *HH*	38478	20	9	2	2	-	-	-	-	-	-	-	-	-	-	1	-
St. Margaret Westminster *WH*	27781	13	20	5	4	-	-	-	-	5	-	-	-	-	1	2	6
Golden Square *WH*	12860	7	10	1	7	-	-	-	-	-	-	-	-	-	-	-	5
Berwick-street *H*	20759	16	10	1	5	-	-	-	-	-	-	-	-	-	-	-	-
St. Anne Soho *HHHHH*	17562	7	10	2	2	-	1	-	-	1	-	-	-	-	-	3	1
NORTH DISTRICTS.																	
All Souls Marylebone *HHHH*	28579	18	18	5	5	-	-	-	-	-	-	-	-	-	-	2	6
Cavendish Square *HH*	15425	11	7	-	3	-	-	-	-	-	-	1	-	-	-	1	-
Rectory Marylebone *WH*	26384	19	26	1	13	-	-	-	-	1	-	-	-	1	-	1	20
St. Mary Marylebone *HHH*	21786	22	9	1	2	-	-	-	-	-	-	-	-	-	-	1	-
Christchurch Marylebone *H*	33944	25	11	2	3	-	-	-	-	-	-	1	-	-	-	-	-
St. John Marylebone *H*	33136	22	9	1	4	-	-	1	-	1	-	-	-	-	1	1	-
Hampstead *WwHH*	32281	28	27	5	2	11	-	1	-	1	-	1	-	1	-	-	18
Regent's Park Pancras	38200	29	10	3	4	-	1	-	-	-	-	-	-	-	1	2	-
Tottenham-court *wHHH*	29370	16	23	5	6	-	-	-	-	1	-	-	-	-	2	2	12
Gray's Inn Lane *HHH*	29221	29	13	1	5	-	-	1	-	-	-	-	-	1	3	4	2
Somers Town	38533	18	13	4	2	-	-	-	-	1	-	-	-	-	2	2	-
Camden Town *WH*	17943	28	8	-	6	-	-	-	-	-	-	-	-	-	1	4	5
Kentish Town *w*	68198	59	46	12	5	1	2	3	-	3	-	-	-	-	1	2	8
Islington West *HHH*	97820	82	56	17	11	2	1	5	1	1	-	2	-	-	1	3	4
Islington East *WwwH*	115958	104	60	13	20	1	-	2	1	2	-	-	-	2	2	3	12
Stoke Newington *H*	9841	15	15	5	5	-	-	-	-	1	-	-	-	-	-	-	-
Stamford Hill	6598	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney	28069	25	7	2	4	-	-	1	-	1	-	-	-	-	-	-	-
Hackney *WwwHL*	50104	29	30	5	8	2	-	2	-	-	-	3	-	1	1	4	10
South Hackney	30339	25	14	4	5	1	-	-	-	1	-	-	-	1	-	-	-
CENTRAL DISTRICTS.																	
St. George Bloomsbury	17853	9	4	1	1	-	-	-	-	-	-	-	-	-	1	1	-
St. Giles South *WH*	19109	22	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Giles North	16594	11	7	4	1	-	-	-	-	-	-	-	-	-	1	1	-
Long Acre	11379	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Charing Cross *HH*	9859	2	5	2	-	-	-	-	-	-	-	-	-	-	2	2	4
St. Mary-le-Strand	9378	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes *H*	10723	6	9	2	-	-	-	-	-	-	-	-	-	-	1	2	6
St. George-the-Martyr *HHHHH*	20521	13	16	3	4	1	-	-	-	-	-	-	-	-	-	-	4
St. Andrew Eastern *W*	13529	9	21	4	6	-	4	-	-	1	-	-	-	-	2	4	12
Saffron Hill *H*	9066	7	2	-	-	-	-	-	-	1	-	-	-	-	-	-	-
St. James Clerkenwell *W*	18917	12	9	2	5	-	-	-	-	1	-	-	-	-	-	2	-
Amwell Clerkenwell	16884	14	8	1	2	-	1	-	-	1	-	-	-	-	-	1	-
Pentonville	13337	11	5	3	1	-	-	-	-	-	-	-	-	-	1	1	-
Goswell-street	16242	10	9	2	-	-	1	2	-	-	-	1	-	-	-	-	-
Old-street *H*	12161	17	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
City-road *HHL*	18301	20	10	2	-	-	-	2	-	-	-	-	-	-	-	1	1
Whitecross-street	13792	5	10	3	4	-	-	-	-	-	-	-	-	-	1	2	-
Finsbury	10741	3	5	2	1	-	-	-	-	-	-	-	1	-	-	-	-
St. Botolph East London *H*	14540	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cripplegate	13638	7	11	1	6	-	-	-	-	-	-	-	-	1	1	1	-
St. Sepulchre *H*	7562	5	13	2	-	-	1	-	-	-	-	-	-	-	3	3	11
St. Bride *W*	11185	5	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard	4426	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch	6270	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe	4753	-	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-
Allhallows Barking	5764	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street *H*	7845	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at the foot of next page.

ver, Diphtheria, Whooping-cough, Fever, Diarrhœa, Violence, &c., registered in each Sub-district urday, 23rd February 1878.

Registration Sub-districts.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The Deaths registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
East Districts.																	
olywell Shoreditch	12430	6	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-
. Leonard Shoreditch *HL*†	16545	10	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-
oxton New Town *w*	27835	14	16	2	8	-	-	-	-	3	-	-	-	-	-	-	6
oxton Old Town	26933	28	20	4	1	-	1	-	-	3	-	1	-	-	-	2	-
aggerston * *WH*	43421	35	15	5	7	-	-	-	-	-	-	-	-	-	-	1	6
ackney-road *H*	29822	26	13	3	2	-	-	-	-	-	-	-	-	-	-	1	-
reen, Bethnal Green *WHL*†	42433	42	33	4	9	1	1	-	-	2	-	-	-	-	-	1	14
urch, Bethnal Green	26577	23	12	3	3	-	-	-	-	1	-	-	-	-	-	-	-
own, Bethnal Green	21272	9	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-
oitalfields *H*	22499	16	7	3	1	-	-	-	-	2	-	-	-	-	-	1	1
ile End New Town *W*	15550	19	12	2	3	-	-	-	-	-	-	-	-	-	-	-	4
hitechapel North	11597	8	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-
hitechapel Church *H*	7322	5	16	1	1	1	-	-	-	-	-	-	-	-	2	3	14
oodman's Fields	10381	12	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
ldgate	9224	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
t. Mary St. George East	17900	15	6	6	-	-	-	-	-	1	-	-	-	-	-	-	-
t. Paul St. George East	21350	12	6	3	1	-	1	-	-	1	-	-	-	-	-	-	-
t. John St. George East *W*	8802	3	13	2	3	-	-	-	-	1	-	-	-	-	-	-	7
hadwell *H*	11640	7	4	1	-	-	1	-	-	-	-	-	-	-	-	-	1
atcliff	16131	9	10	4	-	-	-	1	-	-	-	-	1	-	1	1	-
imehouse	29919	34	16	6	3	-	1	-	-	1	-	-	-	-	1	2	-
ile End Old Town Western	38128	43	17	3	4	1	-	-	-	2	-	-	-	-	-	2	-
ile End Old Town Eastern *WwwH*	55024	64	39	14	10	1	-	-	-	1	1	1	-	-	-	-	8
ow *wwwH*	67765	52	56	10	20	-	2	1	-	2	-	-	-	-	1	4	20
oplar *WW*	48611	54	32	7	8	1	1	-	-	-	-	1	-	-	3	5	1
South Districts.																	
hristchurch Southwark *WH*	14573	10	6	1	1	-	-	-	-	-	-	-	-	-	1	1	1
t. Saviour Southwark *H*	15677	5	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-
ent-road	20421	9	8	2	-	-	-	-	-	3	-	-	-	-	-	1	-
orough-road *WH*	16695	14	10	4	1	-	1	-	-	1	-	-	-	-	1	1	1
ondon-road *HL*	18961	10	13	2	3	-	-	-	-	-	-	-	-	-	-	-	2
rinity Newington	23682	18	8	2	1	-	-	-	1	2	-	-	-	-	-	-	-
t. Peter Walworth *W*	48248	54	31	10	7	1	1	-	-	1	-	-	-	-	3	3	10
t. Mary Newington	16792	13	13	3	3	-	-	-	-	-	-	-	-	-	-	1	-
t. Olave Southwark *H*	4373	3	14	1	-	-	-	-	-	-	-	-	-	-	-	-	11
t. John Horsleydown *W*	10500	6	4	3	-	-	-	-	-	-	-	-	-	-	1	1	1
eather Market	16787	15	9	5	-	-	-	-	-	-	-	-	-	-	-	-	-
t. Mary Magdalen *W*	15709	9	18	4	5	-	-	-	-	4	-	-	-	1	-	-	6
t. James Bermondsey	47933	53	30	10	6	-	1	-	-	4	1	-	-	-	-	1	-
otherhithe *W*	27096	28	19	4	3	-	-	-	-	2	-	-	-	-	1	1	-
Waterloo-road 1st *H*	14074	13	9	2	3	-	-	-	-	2	-	-	-	-	1	1	-
Waterloo-road 2nd *H*	18465	12	9	3	1	-	-	-	-	1	-	-	-	-	-	1	-
Lambeth Church 1st *H*	19492	17	25	2	4	-	1	-	-	1	-	-	-	-	3	3	11
Lambeth Church 2nd *WW*	35833	32	23	9	7	-	-	-	-	2	1	-	-	-	-	2	4
Kennington 1st	41286	46	21	8	2	-	-	-	-	2	-	-	-	-	-	-	-
Kennington 2nd	31221	21	13	-	6	1	-	-	-	2	-	-	-	-	-	-	-
Brixton *w*	35435	43	18	5	3	3	1	1	-	-	1	1	-	-	-	-	6
Norwood *W*	12536	17	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Clapham *H*	27347	23	12	3	4	-	-	-	-	-	1	-	-	-	-	-	2
Battersea *Ww*	54016	73	32	10	7	-	-	1	-	-	-	1	-	-	2	3	6
Wandsworth *HL*	19783	12	10	4	4	-	-	-	-	-	-	-	-	-	-	-	3
Putney	9439	8	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Streatham	14475	10	8	2	5	-	-	-	-	-	-	-	-	1	-	-	-
Dulwich	4041	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Camberwell *WL*†*L*†	31254	30	31	6	12	-	1	1	2	3	-	-	-	-	-	-	9
Peckham *W*	42160	42	24	6	6	-	2	-	-	4	-	-	-	-	1	1	-
St. George Camberwell	33851	30	19	7	3	-	1	1	-	2	-	-	-	-	1	1	-
St. Paul Deptford *w*	53714	47	20	2	6	-	1	-	1	1	-	-	-	-	-	1	-
St. Nicholas Deptford	6474	4	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Greenwich West	21034	10	11	1	4	-	3	-	-	-	-	1	-	-	1	1	-
Greenwich East *WH*	19378	16	16	-	5	-	4	-	-	-	-	-	-	-	1	1	9
Eltham *H*	4539	3	5	1	2	-	-	-	-	1	-	-	-	-	-	-	-
Lee	16440	3	7	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Lewisham Village *WH*	11513	10	8	1	3	-	-	-	-	-	-	-	-	-	-	-	-
Sydenham *H*	19065	13	9	2	3	-	-	2	-	-	-	-	-	-	-	-	-
Charlton *H*	9564	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Woolwich Dockyard	17226	9	5	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Woolwich Arsenal *WHH*	18331	13	9	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Plumstead, West	18027	9	3	1	-	-	1	-	-	1	-	-	-	-	-	-	-
Plumstead, East *W*	15232	5	10	1	2	-	-	-	-	2	-	-	-	-	1	2	-

The following Workhouse Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the bove Table by *w*:—

Central London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary " " "
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

* The two sub-districts of Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston ub-district.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 23rd February 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions
	LONDON—OUTER RING	368,414	631,381	547	325	64	86	4	8	8	-	8	2	2	6	11	51
29 : 1	Carshalton *wL* - - -	12228	13523	9	11	-	2	-	-	-	-	-	-	-	-	-	5
2	Epsom (*part of*) * *WH* -	9971	9145	6	-	-	-	-	-	-	-	-	-	-	-	-	-
36 : 1	Godstone (*part of*) * - -	2754	900	1	-	-	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	63	32	7	12	-	-	-	-	-	-	-	-	-	6
2	Mitcham *WH* - - -	11697	12534	6	4	2	-	-	-	1	-	-	-	-	-	-	-
38 : 1	Wimbledon *HH* - -	3220	9087	7	3	1	1	-	-	-	-	-	-	-	-	-	-
2	Kingston *WH* - - -	8549	27489	19	11	-	4	-	-	-	-	-	1	-	-	-	2
3	Esher (*part of*) * - -	6601	7353	3	2	1	-	-	-	-	-	-	-	-	-	-	-
4	Hampton - - - -	4573	10185	5	5	-	-	-	1	1	-	-	-	-	-	-	-
39 : 1	Richmond *WH* - - -	2271	16829	15	7	3	3	-	-	-	-	-	-	-	-	-	2
2	Mortlake - - - -	2961	9816	7	3	-	1	-	-	-	-	-	-	-	-	-	-
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	21	12	4	2	-	-	1	-	-	-	1	-	-	-
2	Chislehurst (*part of*)* *W* -	13665	10028	6	4	1	3	-	-	-	-	-	-	-	-	-	1
41 : 1	Bexley *H* - - - -	13439	19566	14	8	1	2	-	-	-	-	1	-	-	-	-	-
123 : 1	Sunbury *W* - - -	11055	9860	7	1	-	-	-	-	-	-	-	-	-	-	-	1
2	Staines *W* - - - -	13277	10339	9	3	1	-	-	-	-	-	-	-	-	-	1	-
124 : 1	Hillingdon *WH* - - -	6029	9712	10	9	-	5	1	-	-	-	-	-	-	-	1	1
2	Uxbridge - - - -	6178	5329	2	1	-	1	-	-	-	-	-	-	-	-	-	-
3	Hayes *WL* - - - -	14587	10497	5	6	1	1	-	-	-	-	1	-	-	-	-	2
125 : 1	Isleworth *W* - - -	7008	19930	11	4	2	1	-	-	-	-	-	-	-	-	-	1
2	Twickenham - - -	2477	10533	9	1	-	-	-	-	-	-	-	-	-	-	-	-
3	Brentford *HL* - - -	4370	20279	9	7	2	1	-	-	-	-	-	-	-	-	1	-
4	Chiswick - - - -	1311	8508	9	8	1	3	-	1	-	-	-	-	-	-	-	-
5	Acton *WH* - - - -	6087	12683	16	11	3	4	-	-	-	-	2	-	-	-	-	-
126 : 1	Harrow *H* - - - -	13809	10869	2	1	-	-	-	-	-	-	-	-	-	-	1	
2	Edgware *H* - - -	6994	3450	4	1	1	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	17	10	3	3	-	-	-	-	-	-	-	1	1	-
4	Hendon *WH* - - -	8382	6972	7	9	1	6	-	-	-	-	-	-	-	1	1	5
127 : 1	South Mimms - - -	15419	5924	4	4	2	1	-	1	-	-	-	-	-	-	-	-
2	Barnet *W* - - - -	5423	7752	10	3	-	1	-	-	-	-	-	-	-	-	-	1
3	Finchley *L* - - - -	4688	11493	9	12	-	2	-	1	-	-	-	-	-	-	-	8
128 : 1	Hornsey *H* - - - -	3039	19357	20	15	3	2	-	-	-	-	-	-	1	1	1	-
2	Tottenham *H* - - -	4642	22869	25	12	3	2	-	2	-	-	1	-	-	-	-	-
3	Edmonton *WW* - - -	7483	13860	10	15	1	7	2	-	-	-	-	-	-	-	-	7
4	Enfield *WH* - - -	12653	16054	4	7	-	2	-	-	1	-	-	-	-	1	-	-
5	Waltham Abbey - - -	11017	5197	3	1	1	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	2	2	1	-	-	-	-	-	-	-	-	-	1	-
134 : 1	Hatfield (*part of*) * - -	3180	559	-	1	1	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	-	1	-	-	-	-	-	-	-	-	-	-	-	-
185 : 1	Stratford - - - -	882	23286	33	12	1	2	-	-	1	-	1	-	-	-	-	-
2	West Ham *WWWW* - -	7345	44642	66	25	7	2	1	1	2	-	1	-	-	1	1	1
3	Leyton *WW* - - -	4274	15513	21	19	2	7	-	-	1	-	-	-	-	-	1	7
4	Walthamstow *H* - -	6619	15701	15	8	3	-	-	-	-	-	1	-	-	-	-	-
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	6	4	1	-	-	-	-	-	-	1	-	-	-	1
188 : 1	Romford (*part of*) * - -	6730	2879	3	2	1	-	-	-	-	-	-	-	-	-	-	-
2	Ilford - - - - -	8492	5947	10	5	2	2	-	1	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	7	3	-	1	-	-	-	-	-	-	-	1	1	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:—29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903); 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoydon-Bois (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 23rd February, 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1877.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Deaths in Public Institutions.
ATER LONDON	446,494	4,450,015	24·4	3·4	2081	461	528	43	48	42	9	108	26	13	66	404
NNER LONDON -	78,080	3,577,304	25·6	3·7	1756	397	442	39	40	34	9	100	24	11	60	353
UTER RING -	368,414	872,711	19·4	1·9	325	64	86	4	8	8	–	8	2	2	6	51

E.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal ·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area ,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, ch 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than es to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,748,437 Persons.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	January 19	–	332	40·3	Enteric and simple fevers 123; cholera 11.
BOMBAY - -	644,405	" 15	–	548	44·2	Rem. fev. 197; measles 48.
		" 22	–	520	42·0	Rem. fev. 186; measles 51.
MADRAS - -	397,552	December 28	256	662	86·5	Small-pox 32; fevers 150; dysentery 193.
PARIS - -	1,988,806	February 21	–	1150	30·1	Typhoid fever 12; croup 27; diphtheria 32.
GENEVA - -	68,792	" 16	36	44	33·4	—
BRUSSELS - -	175,782	" 16	107	121	35·9	Typhoid fever 2.
AMSTERDAM -	302,266	" 16	207	189	32·5	Whooping-cough 9.
ROTTERDAM -	142,585	" 16	110	90	32·8	Whooping-cough 4.
THE HAGUE -	107,896	" 16	82	57	26·5	—
COPENHAGEN -	220,000	" 12	190	101	24·0	—
STOCKHOLM -	146,845	" 9	–	76	26·9	Typhoid fever 3.
CHRISTIANIA -	105,000	" 16	74	46	22·8	Whooping-cough 2.
ST. PETERSBURGH	669,741	" 2	–	692	53·7	Small-pox 5; typhus, enteric, & simple fev. 157.
BERLIN - -	1,019,620	" 2	851	467	23·8	Scarlet fever 20; diphtheria 21.
HAMBURG (State)	393,588	" 2	304	213	28·2	Whooping-cough 6; typhus and typhoid fev. 6.
DRESDEN - -	207,845	" 9	146	89	22·3	Scarlet fever 5; diphtheria and croup 5.
BRESLAU - -	267,000	" 16	186	134	26·2	—
MUNICH - -	222,000	" 16	192	164	38·0	Diphtheria and croup 7; typhus & typhd. fev. 5.
VIENNA - -	727,271	" 16	518	455	32·5	Small-pox 14; diphtheria 22.
BUDA-PESTH -	319,530	" 9	–	–	–	—
ROME - -	282,214	January 12	166	152	28·1	Diphtheria and croup 3.
NAPLES - -	457,407	" 21	–	340	38·8	Diphtheria 6; typhus and typhoid fever 7.
TURIN - -	227,843	February 2	121	148	33·9	Typhus and typhd. fev. 9.
		" 9	131	162	37·1	Typhus and typhd. fev. 11.
VENICE - -	139,796	" 16	74	83	31·0	Diphtheria and croup 2.
ALEXANDRIA -	212,034	" 14	192	211	51·9	Whooping-cough 8.
NEW YORK -	1,084,528	January 26	–	477	22·7	Scarlet fever 24; diphtheria 28.
BROOKLYN -	549,438	" 26	–	193	18·3	Scarlet fever 10; diphtheria 14.
PHILADELPHIA -	876,118	February 2	–	305	18·2	Scarlet fever 14; diphtheria 5.
BOSTON - -	363,000	January 26	–	125	18·1	Diphtheria 7; typhoid fever 4.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 23rd FEBRUARY, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Between Dew Point and Air Temperature. Greatest.	Between Dew Point and Air Temperature. Least.	Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure on square foot. Greatest.	Osler's. Pressure on square foot. Least.	Osler's. Pressure on square foot. Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
FEBRUARY.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN.	17	Full	30·009	60·5	46·4	14·1	52·7	45·1	96·3	44·5	44·5	42·3	7·6	13·3	1·9	+14·0	75	SW. & SSW.	SSW.	3·4	0·0	0·3	338	+ 56	0·00	8·5
MON.	18	Perigee.	30·015	55·0	39·7	15·3	46·8	39·7	100·1	35·0	45·8	43·1	7·1	14·4	0·5	+ 8·0	76	SW. & W.	W. & WSW.	2·4	0·0	0·5	374	+ 93	0·03	0·8
TUES.	19	In Equator	30·256	51·7	36·2	15·5	42·6	39·1	81·7	32·1	46·3	43·8	3·5	10·0	0·5	+ 3·8	87	WSW. & SW.	SSW. & S.	1·0	0·0	0·0	193	− 88	0·00	2·0
WED.	20	..	30·137	46·8	40·7	6·1	43·3	40·7	60·0	36·8	46·7	44·1	2·6	5·7	1·0	+ 4·4	91	S. & SSW.	SW. & WSW.	1·3	0·0	0·1	303	+ 18	0·00	12·0
THURS.	21	..	30·413	52·7	37·7	15·0	45·5	40·2	71·0	31·0	46·8	44·3	5·3	9·0	0·0	+ 6·5	82	WSW. & W.	NW. & WSW.	0·5	0·0	0·0	191	− 99	0·00	0·0
FRI.	22	..	30·428	49·4	45·9	3·5	47·4	44·7	54·2	45·0	46·8	44·3	2·7	3·8	2·1	+ 8·3	90	W. & WSW.	SW.	0·0	0·0	0·0	101	−193	0·00	0·0
SAT.	23	..	30·200	53·1	43·9	9·2	47·3	41·0	84·4	38·0	47·3	45·3	6·3	10·3	0·7	+ 8·1	79	WSW. & SSW.	SW. NNW. & N.	0·0	0·0	0·0	90	−207	0·00	0·3
MEANS		..	30·208	52·7	41·5	11·2	46·5	41·5	78·2	37·5	46·3	43·9	5·0	9·5	1·0	+ 7·6	83	SW.		..	..	..	Sum 1590	Sum −420	Sum 0·03	3·4
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. FEBRUARY.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY	17	The electrical apparatus was not in action throughout the week.	5·5	10·1	A very fine day. The amount of cloud was usually small.
MONDAY	18		4·0	10·1	Cloudy in morning, and a shower of rain fell between 5h. and 6h. A.M.; fine and partially cloudy during day. Cloudless at night.
TUESDAY	19		1·3	10·2	Fog in morning; partially cloudy during day. Solar halo seen between 11h. A.M. and 1h. P.M.
WEDNESDAY	20		0·0	10·3	Overcast. Slight rain at times.
THURSDAY	21		3·7	10·3	Fog and haze in morning, fine afterwards. Cloudy in afternoon and evening.
FRIDAY	22		0·0	10·4	Overcast. Gloomy in morning. Very thin rain fell occasionally in afternoon and evening.
SATURDAY	23		1·3	10·5	Overcast in morning; fine and partially cloudy between noon and 2h. P.M.; overcast afterwards.
..		..	Sum 15·8	Sum 71·9	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and − "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 30·13 in. at the beginning of the week to 29·93 in. by 9h. A.M. on the 18th; increased to 30·29 in. by 9h. A.M. on the 19th; decreased to 30·11 in. by 9h. A.M. on the 20th; increased to 30·40 in. by 9h. A.M. on the 22nd; and decreased to 30·13 in. by the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

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General Register Office, Somerset House,
March 4th, 1878.

United Kingdom.

During last week 5924 *births* and 3955 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The natural increase of population was 1969. The mortality from all causes was at the average rate of 25 deaths annually in every 1000 persons living. The annual death-rate was 27 per 1000 in Edinburgh, 24 in Glasgow, and 33 in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Portsmouth 16, Bristol 18, Leeds 19, Hull 19, Bradford 20, Leicester 21, Nottingham 22, Oldham 24, London 24, Salford 25, Sheffield 25, Birmingham 25, Newcastle-upon-Tyne 27, Wolverhampton 27, Manchester 28, Sunderland 28, and the highest rate 30 in Norwich, Plymouth, Brighton, and Liverpool. Whooping-cough is still fatally epidemic in Plymouth. During the past six weeks, 267 fatal cases of small-pox have been registered in London, whereas but one has occurred during that period in the nineteen large provincial towns, which have an aggregate population somewhat larger than that of London.

London.

In London 2441 births and 1637 deaths were registered. Allowing for increase of population, the births were 101, and the deaths 49, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 28·1 and 25·6 per 1000, declined last week to 23·9, a lower rate than has prevailed in any week since the middle of December.

The 1637 deaths included 54 from small-pox, 41 from measles, 35 from scarlet fever, 8 from diphtheria, 112 from whooping-cough, 27 from different forms of fever, and 11 from diarrhœa; thus to the seven principal diseases of the zymotic class 288 deaths were referred, against 295 and 257 in the two preceding weeks. Whooping-cough is still the most fatally prevalent zymotic disease in London, and caused 112 deaths last week, against 124 and 100 in the two preceding weeks; 5 occurred in Pancras, 9 in Islington, 7 in Shoreditch, 8 in Newington, 13 in Bermondsey, and 8 in Lambeth. The 41 deaths from measles included 20 in South London, of which 6 were returned in Camberwell, and 7 in Greenwich. Of the 35 deaths from scarlet fever, 7 occurred in Kentish Town and 4 in Islington. The 8 fatal cases of diphtheria included no less than 4 in Hackney, of which 2 occurred at Upper Clapton. The deaths referred to fever, which had been 30 and 24 in the two preceding weeks, were 27 last week, and were 4 below the corrected average number in the corresponding week of the last ten years; 5 were fatal cases of typhus, 18 of enteric or typhoid, and 4 of simple continued fever. Of the 5 deceased typhus patients, one died in the Westminster Workhouse in Poland Street; one at 92, Ball's Pond Road, Islington; one at 8, Clark's Place, St. Luke's; and 2 in the Stockwell Fever Hospital.

The deaths from small-pox, which had been 55, 47, and 39 in the three preceding weeks, rose again last week to 54, of which 33 occurred in the Metropolitan Asylum Hospitals, 2 in the Highgate Small-pox Hospital, and 19 in private dwelling-houses. Eight of the deceased small-pox patients had resided in Pancras, 6 in Islington, 3 in Mile End Old Town, 4 in Bow and Poplar, 3 in Newington, and 11 in Lambeth. The 19 deaths from small-pox in private dwelling-houses included 2 in Kentish Town, 4 in Islington, 2 in Mile End Old Town, 3 in Bow, 2 in Walworth, and 3 in Lambeth. Of the 54 fatal cases of small-pox, 25 were certified as un-

vaccinated and 13 as vaccinated, while in the remaining 16 cases the medical certificates of the cause of death did not give any information as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which did not exceed 137 at the beginning of October last, had increased to 554, 630, and 651 at the end of the last three weeks; 162 new cases were admitted to these hospitals during last week, against 139 and 173 in the two previous weeks. The Highgate Small-pox Hospital contained 59 patients on Saturday last, against 57 and 61 on the two preceding Saturdays.

During last year 6728 cases of small-pox were admitted to the Metropolitan Asylum Hospitals; 7242 completed cases were recorded, of which 1284 were deaths and 5958 recoveries. The proportional mortality among the 7242 completed cases in the year was equal to 17·7 per cent.; in the first quarter of the year the mortality was equal to 19·7 per cent., in the second quarter 16·4, in the third quarter 10·9, and in the last quarter it increased to 29·6 per cent. Among the 913 completed cases recorded in these hospitals during the first nine weeks of this year, the mortality was equal to 24·3 per cent.

The deaths referred to diseases of the respiratory organs, which had been 544 and 475 in the two previous weeks, further declined to 413 last week; this number, of which 262 resulted from bronchitis and 98 from pneumonia, was 20 below the weekly average.

Different forms of violence caused 48 deaths; 43 were the result of negligence or accident, including 15 from fractures and contusions, 5 from burns and scalds, 5 from drowning, 2 from poison, and 14 of infants under one year of age from suffocation. The 15 deaths from fractures and contusions were thus caused:—male aged 5, run over by a cab; female 3, run over by a cart; female 71, run over by a bicycle; male 27, run over on railway; males 25 and 73, fell down stairs; male 22, fell from a window; male 64, fell in the street; male 11 months, struck by handle of broom; male 30, injured by pocket of hops falling upon him; male 27, fractured skull; male 58, fractured ribs; females 82 and 80, fractured femora; female 9 months, fractured clavicle.

In the large Public Institutions 290 deaths were recorded, or 18 per cent. of the total deaths; of these 197 occurred in Workhouse Establishments, 90 in Hospitals, and 3 in Lunatic Asylums. The London Fever Hospital contained 53 patients on Saturday last, of whom 39 were under treatment for scarlet fever, 8 for enteric fever, 2 for typhus, one for measles, and one for diphtheria.

Greater London.

In Greater London 2907 births and 1962 deaths were registered, equal to annual rates of 34·1 and 23·0 per 1000 of the population. In the Outer Ring small-pox caused 3 deaths in West Ham, and 2 in Staines sub-districts. Five fatal cases of scarlet fever were registered in West Ham and Stratford sub-districts.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 36, Bombay 41, Madras 90; Paris 28; Geneva 24; Brussels 34; Amsterdam 28, Rotterdam 29, The Hague 29; Copenhagen 25; Stockholm 22; Christiania 18; St. Petersburgh 57; Berlin 25, Hamburg 32, Dresden 27, Breslau 26, Munich 39; Vienna 33, Buda-Pesth 37; Rome 35, Naples 40, Turin 39, Venice 31; Alexandria 40; New York 24, Brooklyn 17, Philadelphia 18, and Boston 19.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·82 in., the highest reading was 30·13 in. at the beginning of the week, and the lowest 29·48 in. on Friday night. The mean temperature of the *air* was 48°·7, and 8°·8 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed a marked excess on each day of the week; on Friday it was 53°·1, and 12°·8 above the average. The lowest night temperature was 41°·1 on Sunday, and the highest day temperature in the shade 56°·8 on Friday; the extreme range in the week was, therefore, 15°·7. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 96°·5 on Saturday. The difference between the mean *dew-point* and *air* temperature averaged 5°·6. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police ship, was 47°·0. The mean degree of *humidity* of the air was 81, complete saturation being represented by 100; the air was, therefore, of its average dryness. The general direction of the *wind* was South-west, and the horizontal movement of the air averaged 16·0 miles per hour, which was 2·2 above the average in the corresponding week of 16 years. *Rain* fell on three days of the week, to the aggregate amount of 0·34 of an inch. The duration of registered sunshine in the week was 4·2 hours, the sun being above the horizon during 75·0 hours; the recorded duration of sunshine was, therefore, equal to 5·6 per cent. of its possible duration.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 2nd March, 1878.

CITIES AND BOROUGHS. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 2nd March 1878.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
n 23 TOWNS in the UNITED KINGDOM	220,845	8,373,953	37·9	5924	3955	59·0	36·0	47·5	8·61	0·72	1·83
ONDON - - -	75,362	3,577,304	47·5	2441	1637	56·8	41·1	48·7	9·28	0·34	0·86
RIGHTON - -	2,354	103,923	44·1	74	60	52·0	41·2	46·7	8·17	1·01	2·57
ORTSMOUTH - -	4,486	129,461	28·9	93	40	–	–	–	–	–	–
ORWICH - - -	7,472	84,620	11·3	58	48	58·8	41·0	48·4	9·11	0·55	1·40
LYMOUTH - -	1,395	73,599	52·8	45	42	54·0	42·0	48·6	9·23	0·99	2·51
RISTOL - - -	4,452	206,419	46·4	151	71	56·6	41·8	48·9	9·39	2·23	5·66
OLVERHAMPTON -	3,396	74,240	21·9	67	39	56·5	39·7	45·5	7·50	0·47	1·19
IRMINGHAM - -	8,400	383,117	45·6	286	187	–	–	–	–	–	–
EICESTER - -	3,200	121,473	38·0	90	49	57·8	42·0	47·9	8·83	0·44	1·12
OTTINGHAM - -	9,960	165,267	16·6	136	70	58·4	40·7	47·6	8·67	0·50	1·27
VERPOOL - -	5,210	532,681	102·2	423	310	–	–	–	–	–	–
ANCHESTER - -	4,293	360,514	84·0	235	190	–	–	–	–	–	–
LFORD - - -	5,170	170,251	32·9	134	82	56·7	39·1	46·5	8·06	1·06	2·69
LDHAM - - -	4,666	107,366	23·0	107	49	–	–	–	–	–	–
RADFORD - -	7,220	185,088	25·6	108	70	55·3	40·8	46·6	8·12	0·72	1·83
EDS - - -	21,572	304,948	14·1	221	109	59·0	40·0	48·0	8·89	0·43	1·09
EFFIELD - -	19,651	289,537	14 7	211	140	59·0	42·0	48·2	9·00	0·56	1·42
ULL - - -	3,635	143,139	39·4	112	53	59·0	37·0	46·8	8·23	0·56	1·42
NDERLAND - -	3,306	112,459	34·0	94	61	–	–	–	–	–	–
WCASTLE-ON-TYNE	5,371	144,570	26·9	101	74	–	–	–	–	–	–
DINBURGH - -	4,191	222,371	53·1	132	117	54·7	36·0	45·5	7·50	0·30	0·76
LASGOW - - -	6,033	566,940	94·0	417	259	52·2	39·0	46·2	7·89	0·99	2 51
BLIN - - -	10,050	314,666	31·3	188	198	58·8	40·6	50·0	10·00	0·41	1·04

For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.

The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the ition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, ford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the aber enumerated in April 1871.

ABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday, the 2nd March, 1878.

BOROUGHS, &c. (*unicipal Boundaries, cept for* LONDON *and* DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
				Deaths of		Deaths from									
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
n 20 TOWNS -	24·3	3·6	3381	788	709	55	72	79	19	186	53	37	100	194	504
DON - - -	23·9	4·2	1637	381	358	54	41	35	8	112	27	11	48	106	290
GHTON - -	30·1	4·0	60	10	19	–	2	–	–	5	–	1	2	2	3
TSMOUTH - -	16·1	0·4	40	7	16	–	–	1	–	–	–	–	–	–	6
WICH - - -	29·6	3·7	48	12	13	–	–	–	1	5	–	–	–	3	6
MOUTH - -	29·8	8·5	42	16	10	–	–	1	1	9	1	–	3	3	2
STOL - - -	17·9	2·5	71	23	11	–	2	–	1	3	2	2	1	1	6
LVERHAMPTON -	27·4	3·5	39	12	8	–	–	1	–	3	–	1	2	3	7
MINGHAM - -	25·5	3·0	187	44	38	–	–	9	4	8	1	–	–	2	22
CESTER - -	21·0	0·4	49	11	14	–	–	–	–	–	–	1	2	5	4
TTINGHAM - -	22·1	0·6	70	17	19	–	1	–	–	1	–	–	2	6	4
ERPOOL - -	30·4	4·4	310	59	46	–	16	3	2	15	5	4	16	18	53
NCHESTER - -	27·5	3·0	190	41	33	–	1	9	–	5	2	4	6	19	34
FORD - - -	25·1	4·3	82	22	16	1	–	5	–	3	4	1	3	6	10
HAM - - -	23·8	3·4	49	12	10	–	2	1	–	3	–	1	–	–	3
DFORD - -	19·7	2·3	70	23	11	–	1	3	–	1	2	1	–	1	8
DS - - -	18·7	1·9	109	24	19	–	3	1	1	1	1	4	4	8	11
FFIELD - -	25·2	4·1	140	31	30	–	2	9	1	4	4	3	1	1	17
L - - -	19·3	1·1	53	13	15	–	–	–	–	1	–	2	3	3	5
DERLAND - -	28·3	1·9	61	17	8	–	–	–	–	3	1	–	–	–	3
CASTLE-ON-TYNE	26·7	3·6	74	13	15	–	1	1	–	4	3	1	7	7	10
LIN - - -	32·8	4·5	198	22	53	7	4	2	–	4	8	2	4	4	70

Table 3. LONDON.—**Births** and **Deaths** Registered last Week, and in the Ninth Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
Total **Births**	2324	2307	2259	2410	2054	2334	2536	2530	2504	2498	2375·6	2441
Males . .	1206	1144	1157	1220	1053	1150	1260	1319	1268	1274	1205·1	1221
Females .	1118	1163	1102	1190	1001	1184	1276	1211	1236	1224	1170·5	1220
Total **Deaths**	1266	1487	1673	1591	1423	1790	1578	1880	1544	1529	1576·1	1637
Males . .	668	740	811	819	746	916	765	1001	770	778	801·4	816
Females .	598	747	862	772	677	874	813	879	774	751	774·7	821

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77, after raising the average by 7 per cent. for increase of population.

Table 4. LONDON.—Deaths and Meteorology in the Last Thirteen Weeks.

	Dec. 8.	Dec. 15.	Dec. 22.	Dec. 29.	Jan. 5.	Jan. 12.	Jan. 19.	Jan. 26.	Feb. 2.	Feb. 9.	Feb. 16.	Feb. 23.	Mar. 2.
Total **Deaths** - - -	1547	1613	1761	1757	1892	1760	1903	1864	1703	1813	1927	1756	1637
0—20 - -	816	786	944	868	911	867	918	899	788	855	896	839	823
20—40 - -	183	218	205	217	244	230	240	203	248	245	246	212	202
40—60 - -	265	241	273	274	317	288	298	335	276	305	331	263	254
60—80 - -	238	307	282	331	345	309	373	359	320	326	376	358	297
at 80 years & upwds.	45	61	57	67	75	66	74	68	71	82	78	84	61
Deaths of children: Under 1 year -	391	359	417	398	436	380	416	409	318	393	412	397	381
Deaths of children: 1—5 - -	316	302	400	367	378	363	397	365	342	344	340	326	333
Deaths of children: 5—20 - -	109	125	127	103	97	124	105	125	128	118	144	116	109
Deaths from 7 principal Zymotic Diseases	234	248	301	311	292	299	291	304	266	306	295	257	288
" " Small-pox -	25	31	31	29	26	35	51	34	38	55	47	39	54
" " Measles - -	76	92	102	109	104	97	77	63	56	40	43	40	41
" " Scarlet fever -	46	54	46	31	31	39	35	39	43	37	32	34	35
" " Diphtheria -	5	10	3	12	5	9	5	6	9	10	5	9	8
" " Whooping-cough	36	25	64	82	89	69	94	117	89	114	124	100	112
" " Typhus fever -	5	3	6	7	1	7	4	3	5	3	2	5	5
" " Enteric (or Typhoid) fever -	21	20	27	23	23	19	15	23	12	21	24	16	18
" " Simple Contd fever	1	3	8	6	4	7	2	6	3	4	4	3	4
" " Diarrhœa - -	19	10	14	12	9	17	8	13	11	22	14	11	11
" " Simple Cholera -	–	–	–	–	1	–	–	–	1	–	–	–	–
" " Dis. of Respiratory Organs -	397	415	487	467	535	464	541	455	448	502	544	475	413
" " Phthisis - -	133	151	170	158	167	177	168	174	167	166	199	168	156
" " Heart Diseases -	91	96	91	94	99	100	103	121	111	95	112	108	94
Violent Deaths - - -	48	55	44	50	67	65	71	56	53	48	61	60	48
Inquest Cases - - -	93	91	88	94	136	134	137	97	95	96	127	115	106
Deaths in Public Institutions	268	297	310	306	301	302	358	336	324	332	387	353	290
Temperature of the Air:													
Mean - - - -	43·4°	39·0°	41·8°	37·8°	43·9°	36·9°	42·9°	42·3°	36·2°	35·1°	42·6°	46·5°	48·7°
Mean of Highest readings -	47·8	45·1	45·4	43·2	47·1	41·1	47·9	46·7	40·8	38·5	48·0	52·7	53·4
Mean of Lowest readings -	38·3	32·5	38·1	32·1	39·7	32·5	36·8	37·5	31·0	31·9	36·4	41·5	44·4
Mean Temperature of the Water of the Thames -	42·2	42·4	40·9	40·7	40·6	41·9	39·8	43·0	39·8	38·1	39·6	45·1	47·0
Humidity of the Air - -	90	87	91	79	91	82	83	80	87	92	91	83	81
Rain-fall in inches - -	0·49	0·18	0·03	0·55	0·48	0·02	0·02	0·11	0·42	0·05	0·80	0·03	0·34
Registered Sunshine (in hours)	4·5	6·0	1·5	12·2	3·5	8·1	6·5	11·6	11·8	3·8	8·2	15·8	4·2

Meteorological Observations. (*See* Table 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the NINTH Week of the Year 1878.

CAUSES OF DEATH.	Average in the Ninth Weeks of the 10 years 1868–77.*	In the Week ending Saturday, March 2, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
Mean Temperature	41°·5	48°·7							
ALL CAUSES	1576·1	1637	381	333	109	202	254	297	61
SPECIFIED CAUSES	1568·6	1634	379	333	109	202	254	296	61
I. ZYMOTIC.									
ORDER 1.									
1. Small-pox	38·7	54	9	8	12	20	5	–	–
2. Measles	28·9	41	8	29	3	1	–	–	–
3. Scarlet Fever	36·5	35	2	21	10	2	–	–	–
4. Diphtheria	6·8	8	–	2	4	2	–	–	–
5. Quinsy	·3	–	–	–	–	–	–	–	–
6. Croup	16·6	18	3	12	3	–	–	–	–
7. Whooping-cough	62·3	112	43	63	6	–	–	–	–
8. Typhus	29·0 (Typhus + Enteric or Typhoid Fev.)	5	–	–	2	1	1	1	–
— Enteric or Typhoid Fev.		18	–	1	7	7	2	1	–
— Simple continued Fev.		4	–	2	–	–	–	1	1
9. Erysipelas	7·8	8	4	2	–	–	1	1	–
10. Puerperal Fev. (Metria)	4·8	2	–	–	–	2	–	–	–
11. Carbuncle	1·0	1	–	–	–	–	1	–	–
12. Influenza	1·0	1	–	–	–	–	–	1	–
13. Dysentery	1·0	–	–	–	–	–	–	–	–
14. Diarrhœa	15·4	11	6	5	–	–	–	–	–
15. Simple Cholera	·2	–	–	–	–	–	–	–	–
16. Ague	·3	–	–	–	–	–	–	–	–
17. Remittent Fever	·2	–	–	–	–	–	–	–	–
18. Rheumatism	8·4	9	–	–	2	3	2	2	–
19. Other *Zymotic* Diseases	1·1	1	1	–	–	–	–	–	–
ORDER 2.									
1. Syphilis	8·0	11	9	1	–	1	–	–	–
2. Stricture of Urethra	2·0	1	–	–	–	–	1	–	–
3. Hydrophobia	–	–	–	–	–	–	–	–	–
4. Glanders	·4	–	–	–	–	–	–	–	–
ORDER 3.									
1. Privation	·6	–	–	–	–	–	–	–	–
2. Want of Breast-milk	9·0	7	7	–	–	–	–	–	–
3. Purpura and Scurvy	2·5	4	1	2	1	–	–	–	–
4. Alcoholism: *a* Del. Tremens	1·2	1	–	–	–	–	1	–	–
4. Alcoholism: *b* Intemperance	·9	3	–	–	–	1	2	–	–
ORDER 4.									
1. Thrush	2·2	4	4	–	–	–	–	–	–
2. Worms, &c.	·1	–	–	–	–	–	–	–	–
II. CONSTITUTIONAL.									
ORDER 1.									
1. Gout	2·8	5	–	–	–	–	1	4	–
2. Dropsy	11·2	7	1	–	–	–	1	5	–
3. Cancer	32·8	30	–	1	–	1	16	11	1
4. Cancrum Oris (Noma)	·3	–	–	–	–	–	–	–	–
5. Mortification	3·8	7	1	–	–	–	1	4	1
ORDER 2.									
1. Scrofula	9·7	10	3	6	–	–	–	–	1
2. Tabes Mesenterica	20·0	15	9	4	2	–	–	–	–
3. Phthisis	169·1	156	–	7	17	75	46	11	–
4. Hydrocephalus	31·7	28	16	12	–	–	–	–	–
III. LOCAL.									
ORDER 1.									
1. Cephalitis	20·2	23	9	9	3	–	2	–	–
2. Apoplexy	44·2	46	–	2	4	3	12	23	2
3. Paralysis	35·1	26	1	–	1	1	3	20	–
4. Insanity	1·8	–	–	–	–	–	–	–	–
5. Chorea	·6	1	–	–	–	1	–	–	–
6. Epilepsy	7·2	8	–	–	1	4	3	–	–
7. Convulsions	58·7	52	39	13	–	–	–	–	–
8. *Brain Disease, &c.*	19·0	18	2	2	1	2	4	7	–
ORDER 2.									
1. Pericarditis	2·8	–	–	–	–	–	–	–	–
2. Aneurism	3·0	5	–	–	–	1	4	–	–
3. *Heart Disease, &c.*	78·3	89	–	1	8	17	22	37	4
ORDER 3.									
1. Laryngitis	15·3	19	11	7	1	–	–	–	–
2. Bronchitis	252·7	262	56	52	2	5	46	89	12
3. Pleurisy	5·4	4	–	1	1	1	1	–	–
4. Pneumonia	92·6	98	22	35	4	10	20	7	–
5. Asthma	15·2	8	–	–	–	–	3	4	1
6. *Lung Disease, &c.*	23·8	22	5	8	–	3	4	2	–
ORDER 4.									
1. Gastritis	1·8	3	–	–	–	–	–	3	–
2. Enteritis	5·2	4	1	–	3	–	–	–	–
3. Peritonitis	5·3	6	–	–	–	2	3	1	–
4. Ascites	2·1	2	–	–	–	–	1	1	–
5. Ulceration of Intestines	2·5	2	–	–	–	–	1	1	–
6. Hernia	4·6	2	–	–	–	–	–	2	–
7. Ileus	2·2	3	–	–	–	1	1	1	–
8. Intussusception	1·0	2	–	–	–	1	–	1	–
9. Stricture of Intestines	1·1	–	–	–	–	–	–	–	–
10. Fistula	·5	2	–	–	–	1	–	1	–
11. *Stomach Disease, &c.*	5·6	9	1	–	–	–	3	5	–
12. *Pancreas Disease, &c.*	·1	–	–	–	–	–	–	–	–
13. Hepatitis	4·0	2	–	–	–	–	1	1	–
14. Jaundice	4·9	5	1	–	–	–	2	1	1
15. *Liver Disease, &c.*	21·1	18	1	–	–	4	9	4	–
16. *Spleen Disease, &c.*	·3	–	–	–	–	–	–	–	–
ORDER 5.									
1. Nephritis	2·6	4	–	–	–	1	2	1	–
2. Ischuria	·5	–	–	–	–	–	–	–	–
3. Bright's Dis. (Nephria)	12·8	11	–	–	–	1	8	2	–
4. Diabetes	2·8	5	–	–	1	1	3	–	–
5. Calculus (Stone)	·8	–	–	–	–	–	–	–	–
6. Cystitis	·8	4	–	–	1	–	2	1	–
7. *Kidney Disease, &c.*	8·3	7	–	1	1	–	2	2	1
ORDER 6.									
1. Ovarian Dropsy	·5	2	–	–	–	2	–	–	–
2. *Uterus Disease, &c.*	4·2	5	–	–	1	3	1	–	–
ORDER 7.									
1. Synovitis (Arthritis)	·3	–	–	–	–	–	–	–	–
2. *Joint Disease, &c.*	5·7	10	–	1	3	2	1	3	–
ORDER 8.									
1. Phlegmon	2·3	2	1	–	–	–	–	1	–
2. Ulcer	1·0	1	–	–	–	–	–	1	–
3. *Skin Disease, &c.*	1·5	3	2	1	–	–	–	–	–
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth	21·4	21	21	–	–	–	–	–	–
2. Cyanosis	2·0	3	2	1	–	–	–	–	–
3. Spina Bifida	·9	3	3	–	–	–	–	–	–
4. Other Malformations	2·6	1	1	–	–	–	–	–	–
5. Teething	18·0	25	12	13	–	–	–	–	–
ORDER 2.									
1. Paramenia	·4	–	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever)	5·5	9	–	–	1	8	–	–	–
ORDER 3.									
1. Old Age	57·6	58	–	–	–	–	–	25	33
ORDER 4.									
1. Atrophy and Debility	59·1	54	44	5	–	–	1	4	–
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	16·4	15	2	1	1	5	1	3	2
2. Wounds: Gunshot	·7	–	–	–	–	–	–	–	–
2. Wounds: Cut, Stab		–	–	–	–	–	–	–	–
3. Burns and Scalds	6·8	5	1	2	1	–	–	–	1
4. Poison	·6	2	–	–	–	1	1	–	–
5. Drowning	4·4	5	–	–	1	3	1	–	–
6. Suffocation	10·7	15	14	–	–	–	1	–	–
7. Otherwise	3·7	1	–	–	–	–	1	–	–
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	2·4	1	–	–	–	–	1	–	–
ORDER 4. (SUICIDE.)									
1. Wounds: Gunshot	·4	–	–	–	–	–	–	–	–
1. Wounds: Cut, Stab	1·0	1	–	–	–	–	1	–	–
2. Poison	·5	1	–	–	–	1	–	–	–
3. Drowning	1·0	1	–	–	–	–	1	–	–
4. Hanging	1·3	1	–	–	–	1	–	–	–
5. Otherwise	·3	–	–	–	–	–	–	–	–
ORDER 5. (EXECUTION.)									
1. Hanging	–	–	–	–	–	–	–	–	–
Sudden Deaths (Cause unascertained)	1·6	–	–	–	–	–	–	–	–
Causes not specified or ill-defined	5·9	3	2	–	–	–	–	1	–

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARL
during the Week endi

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public
LONDON	3,254,260	2441	1637	381	358	54	41	35	8	112	5	18	4	11	48	106	29
WEST DISTRICTS	561,359	378	254	55	57	2	6	5	1	17	1	4	1	3	6	20	4
NORTH DISTRICTS	751,729	571	385	74	86	25	5	16	4	19	1	6	-	4	5	27	7
CENTRAL DISTRICTS	334,369	172	141	27	25	-	3	2	-	6	1	1	1	-	7	14	3
EAST DISTRICTS	639,111	511	312	83	60	6	7	4	2	24	-	-	-	1	17	32	5
SOUTH DISTRICTS	967,692	809	545	142	130	21	20	8	1	46	2	7	2	3	13	13	8
WEST DISTRICTS.																	
St. Mary Paddington *WH*	58728	40	24	7	5	-	-	-	-	3	-	1	-	-	-	2	
St. John Paddington *H*	38085	15	14	1	3	-	-	2	-	-	-	2	-	-	-	1	
Kensington Town *W*	91645	67	33	7	8	-	1	1	-	3	-	-	-	1	1	2	
Brompton *H*	28654	21	12	4	1	-	-	1	-	1	-	-	-	-	-	2	
St. Peter Hammersmith	6662	6	6	2	2	-	-	-	1	-	-	-	-	-	-	-	
St. Paul Hammersmith *H*	36029	38	22	9	4	-	-	-	-	1	-	-	-	-	-	2	
Fulham *WwH*	23350	33	25	7	4	2	-	1	-	-	-	1	1	-	-	-	
Chelsea South *HHH*	26420	17	15	2	3	-	1	-	-	3	-	-	-	-	-	-	
Chelsea North-west *WHHHH*	22926	23	11	2	1	-	-	-	-	1	-	-	-	-	1	1	
Chelsea North-east	21392	5	8	4	4	-	-	-	-	-	-	-	-	2	-	1	
Hanover Square *H*	18698	11	3	-	1	-	-	-	-	-	-	-	-	-	1	1	
May Fair *WW*	13358	1	10	1	6	-	-	-	-	-	-	-	-	-	-	-	
Belgrave *HH*	57972	34	25	2	5	-	-	-	-	1	-	-	-	-	1	1	
St. John Westminster *HH*	38478	25	13	3	3	-	-	-	-	1	-	-	-	-	-	2	
St. Margaret Westminster *WH*	27781	12	14	1	3	-	-	-	-	2	-	-	-	-	2	5	
Golden Square *WH*	12860	10	7	1	2	-	1	-	-	-	1	-	-	-	-	-	
Berwick-street *H*	20759	9	5	-	1	-	2	-	-	-	-	-	-	-	-	-	
St. Anne Soho *HHHHH*	17562	11	7	2	1	-	1	-	-	1	-	-	-	-	-	-	
NORTH DISTRICTS.																	
All Souls Marylebone *HHHH*	28579	16	19	4	1	-	1	-	-	2	-	2	-	-	1	3	
Cavendish Square *HH*	15425	11	3	1	1	-	-	-	-	-	-	-	-	-	-	-	
Rectory Marylebone *WH*	26384	19	14	1	5	-	-	-	-	-	-	-	-	-	-	2	
St. Mary Marylebone *HHH*	21786	21	5	-	2	-	-	-	-	-	-	-	-	-	-	-	
Christchurch Marylebone *H*	33944	26	14	5	4	-	-	-	-	1	-	-	-	1	-	1	
St. John Marylebone *H*	33136	18	10	3	5	-	-	-	-	-	-	-	-	-	-	1	
Hampstead *WwHH*	32281	15	22	4	3	10	-	-	-	1	-	-	-	-	-	1	1
Regent's Park Pancras	38200	29	18	4	5	-	-	-	-	-	-	-	-	-	-	-	
Tottenham-court *wHHH*	29370	20	18	2	5	-	-	-	-	-	-	-	-	-	-	1	
Gray's Inn Lane *HHH*	29221	20	7	2	2	-	-	-	-	-	-	-	-	-	1	1	
Somers Town	38533	26	24	4	6	-	-	1	-	1	-	-	-	-	1	4	
Camden Town *WH*	17943	8	14	3	6	-	1	-	-	2	-	-	-	-	-	1	
Kentish Town *w*	68198	54	49	13	5	2	1	7	-	2	-	-	-	1	2	5	
Islington West *HHH*	97820	96	43	7	5	3	2	-	-	6	-	1	-	1	-	4	
Islington East *WwwH*	115958	93	57	10	17	3	-	4	-	3	1	-	-	-	-	1	
Stoke Newington *H*	9841	9	3	-	1	-	-	-	-	-	-	-	-	-	-	-	
Stamford Hill	6598	3	5	-	1	-	-	-	2	-	-	-	-	-	-	-	
West Hackney	28069	22	18	6	7	-	-	1	-	-	-	-	-	1	-	2	
Hackney *WwwHL*	50104	32	30	1	4	7	-	2	2	1	-	3	-	-	-	-	1
South Hackney	30339	33	12	4	1	-	-	1	-	-	-	-	-	-	-	-	
CENTRAL DISTRICTS.																	
St. George Bloomsbury	17853	10	5	-	-	-	-	-	-	-	-	-	-	-	-	1	
St. Giles South *WH*	19109	24	13	3	4	-	-	-	-	1	-	-	-	-	-	2	
St. Giles North	16594	8	5	2	2	-	-	-	-	1	-	-	-	-	-	-	
Long Acre	11379	2	3	1	1	-	-	-	-	-	-	-	-	-	-	-	
Charing Cross *HH*	9859	3	7	-	2	-	-	-	-	-	-	-	-	-	-	-	
St. Mary-le-Strand	9378	5	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
St. Clement Danes *H*	10723	1	2	1	-	-	-	-	-	-	-	-	-	-	1	1	
St. George-the-Martyr *HHHHH*	20521	8	7	-	-	-	-	-	-	-	-	1	-	-	-	1	
St. Andrew Eastern *W*	13529	3	10	2	-	-	2	-	-	-	-	-	-	-	-	1	
Saffron Hill *H*	9066	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. James Clerkenwell *W*	18917	28	8	1	-	-	-	1	-	-	-	-	1	-	-	-	
Amwell Clerkenwell	16884	16	12	4	1	-	1	-	-	1	-	-	-	-	1	1	
Pentonville	13337	8	5	4	-	-	-	-	-	-	-	-	-	-	-	-	
Goswell-street	16242	8	6	1	1	-	-	-	-	-	-	-	-	-	-	-	
Old-street *H*	12161	8	7	1	1	-	-	-	-	-	-	-	-	-	-	-	
City-road *HHL*	18301	11	9	-	3	-	-	1	-	-	1	-	-	-	1	1	
Whitecross-street	13792	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Finsbury	10741	5	7	3	2	-	-	-	-	-	-	-	-	-	1	2	
St. Botolph East London *H*	14540	4	4	-	2	-	-	-	-	1	-	-	-	-	-	-	
Cripplegate	13638	2	3	-	2	-	-	-	-	-	-	-	-	-	-	1	
St. Sepulchre *H*	7562	3	13	2	1	-	-	-	-	1	-	-	-	-	3	3	
St. Bride *W*	11185	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
Castle Baynard	4426	1	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
Christchurch	6270	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Queenhithe	4753	1	2	-	-	-	-	-	-	1	-	-	-	-	-	-	
Allhallows Barking	5764	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Broad-street *H*	7845	2	3	-	2	-	-	-	-	-	-	-	-	-	-	-	

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: *W*—Workhou
H—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see n
at the foot of next page.

FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT Saturday, 2nd March 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
Holywell Shoreditch	12430	9	8	3	-	-	-	-	-	3	-	-	-	-	-	-	-
St. Leonard Shoreditch *HL*†	16545	8	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hoxton New Town *w*	27835	18	14	5	3	-	1	-	-	1	-	-	-	-	1	2	-
Hoxton Old Town	26933	28	9	4	2	-	-	1	-	-	-	-	-	-	-	1	-
Haggerston* *WH*	43421	33	27	9	6	-	-	1	-	3	-	-	-	-	1	1	3
Hackney-road *H*	29822	30	9	2	1	-	-	-	-	2	-	-	-	-	1	1	-
Green, Bethnal Green *WHL*†	42433	39	25	4	8	-	-	-	-	-	-	-	-	-	1	1	10
Church, Bethnal Green	26577	18	8	-	3	-	-	-	-	-	-	-	-	-	1	2	-
Town, Bethnal Green	21272	16	9	4	1	-	-	-	-	1	-	-	-	-	1	2	-
Spitalfields *H*	22499	10	8	3	-	-	-	-	-	1	-	-	-	-	2	2	-
Mile End New Town *W*	15550	12	12	2	6	-	-	-	-	-	-	-	-	-	2	3	6
Whitechapel North	11597	8	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Whitechapel Church *H*	7322	4	16	1	1	-	-	-	-	1	-	-	-		-	1	15
Goodman's Fields	10381	9	3	-	1	-	-	-	-	-	-	-	-	-	-	1	-
Aldgate	9224	5	8	2	3	-	-	-	-	-	-	-	-	-	1	2	-
St. Mary St. George East	17900	13	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul St. George East	21350	16	6	1	1	-	1	-	-	2	-	-	-	-	-	-	-
St. John St. George East *W*	8802	5	8	2	2	-	-	-	-	2	-	-	-	-	-	-	5
Shadwell *H*	11640	1	6	2	-	-	1	-	-	-	-	-	-	-	1	2	1
Ratcliff	16131	12	5	1	1	-	-	-	-	2	-	-	-	-	-	-	-
Limehouse	29919	19	10	7	-	1	-	-	-	-	-	-	-	-	-	1	-
Mile End Old Town Western	38128	31	16	3	4	1	-	-	-	-	-	-	-	-	1	4	-
Mile End Old Town Eastern *WwwH*	55024	50	23	8	4	1	-	-	1	1	-	-	-	1	1	2	-
Bow *wwwH*	67765	80	58	13	10	3	3	2	1	2	-	-	-	-	1	2	17
Poplar *WW*	48611	37	16	4	3	-	1	-	-	3	-	-	-	-	2	2	-
SOUTH DISTRICTS.																	
Christchurch Southwark *WH*	14573	9	4	1	2	-	-	-	-	-	-	-	-	-	-	-	2
St. Saviour Southwark *H*	15677	7	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kent-road	20421	13	8	3	2	-	-	-	-	2	-	-	-	-	-	-	-
Borough-road *WH*	16695	12	9	3	1	-	1	1	-	-	-	-	-	-	-	-	4
London-road *HL*	18961	17	11	9	1	-	-	-	-	3	-	-	-	-	-	-	-
Trinity Newington	23682	16	12	6	1	-	-	-	-	2	-	-	-	-	1	1	-
St. Peter Walworth *W*	48248	43	42	14	11	2	-	-	-	5	-	1	-	-	-	-	7
St. Mary Newington	16792	9	8	3	1	-	-	-	-	1	-	-	-	-	-	1	-
St. Olave Southwark *H*	4373	4	10	1	3	-	-	-	-	1	-	-	-	-	2	2	7
St. John Horsleydown *W*	10500	9	11	3	3	-	-	-	-	-	-	-	-	-	1	1	3
Leather Market	16787	18	7	1	2	-	-	-	1	1	-	-	-	1	-	-	-
St. Mary Magdalen *W*	15709	10	20	5	7	-	-	-	-	4	-	-	-	-	1	1	7
St. James Bermondsey	47933	45	30	9	4	-	1	1	-	8	-	-	-	-	-	-	-
Rotherhithe *W*	27096	19	9	3	3	-	-	-	-	2	-	-	-	-	-	-	1
Waterloo-road 1st *H*	14074	17	8	1	2	-	-	1	-	1	-	-	-	-	-	-	-
Waterloo-road 2nd *H*	18465	14	9	2	-	-	-	-	-	1	-	-	-	-	-	-	-
Lambeth Church 1st *H*	19492	16	19	5	4	-	-	-	-	3	-	-	-	-	2	3	3
Lambeth Church 2nd *WW*	35833	30	19	6	7	-	-	-	-	1	-	-	-	-	2	-	8
Kennington 1st	41286	26	16	2	3	-	1	-	-	1	-	-	-	-	1	1	-
Kennington 2nd	31221	21	10	1	-	2	-	-	-	1	-	1	-	-	-	-	-
Brixton *w*	35435	31	47	12	4	15	1	2	-	-	2	1	-	-	-	-	19
Norwood *W*	12536	11	3	2	-	-	-	-	-	-	-	-	-	1	-	-	-
Clapham *H*	27347	20	14	3	7	-	-	-	-	-	-	-	-	-	-	-	-
Battersea *Ww*	54016	73	28	11	4	-	1	-	-	1	-	-	-	-	1	1	3
Wandsworth *HL*	19783	14	9	1	-	-	-	-	-	-	-	-	-	-	1	2	1
Putney	9439	5	3	-	1	-	-	-	-	-	-	1	-	1	-	-	-
Streatham	14475	10	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Dulwich	4041	-	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Camberwell *WL*†*L*†	81254	38	21	3	9	-	3	1	-	-	-	-	-	-	-	-	6
Peckham *W*	42160	42	36	7	8	-	3	-	-	4	-	-	-	-	-	-	-
St. George Camberwell	33851	37	13	1	6	-	-	-	-	-	-	-	1	-	-	-	-
St. Paul Deptford *w*	53714	56	21	7	5	1	-	-	-	2	-	1	-	-	1	-	-
St. Nicholas Deptford	6474	6	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Greenwich West	21034	11	14	1	5	-	5	-	-	1	-	-	-	-	-	-	-
Greenwich East *WH*	19378	19	9	3	2	-	2	-	-	-	-	-	-	-	-	-	3
Eltham *H*	4539	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Lee	16440	5	5	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Lewisham Village *WH*	11513	13	9	-	3	-	1	2	-	-	-	-	-	-	-	-	3
Sydenham *H*	19065	10	10	1	3	1	-	-	-	-	-	-	1	-	-	-	1
Charlton *H*	9564	4	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Woolwich Dockyard	17226	8	7	1	2	-	-	-	-	1	-	1	-	-	-	-	-
Woolwich Arsenal *WHH*	18331	18	5	2	2	-	-	-	-	-	-	1	-	-	-	-	-
Plumstead West	13027	8	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Plumstead East *W*	15232	12	10	4	3	-	1	-	-	-	-	-	-	-	-	-	6

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the above Table by *w*:—

Central London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary " " "
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechap " " Mile End Old Town Eastern sub-dist.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

* The two sub-districts of Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston sub-district.

† Private Lunatic Asylums in which paupers are received.

Table 7. LONDON—OUTER RING.—Area; Population; Births and Deaths registered during the Week ending Saturday, 2nd March 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The Deaths registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
	LONDON—OUTER RING	368,414	631,381	466	325	79	87	5	7	6	1	10	4	3	8	13	26
29 : 1	Carshalton *wL* - - -	12228	13523	11	6	-	1	-	-	-	-	-	-	-	-	-	3
2	Epsom (*part of*) * *WH* -	9971	9145	11	11	2	4	-	-	-	-	-	-	-	-	1	3
36 : 1	Godstone (*part of*) * - -	2754	900	-	1	-	1	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	48	29	9	5	-	2	-	-	-	-	-	-	-	1
2	Mitcham *WH* - - -	11697	12534	9	6	1	1	-	-	-	-	-	1	-	1	1	-
38 : 1	Wimbledon *HH* - - -	3220	9087	4	2	1	-	-	-	-	-	-	-	-	1	1	-
2	Kingston *WH* - - -	8549	27489	23	9	1	1	-	-	-	-	1	-	-	3	4	-
3	Esher (*part of*) * - -	6601	7353	2	2	-	-	-	-	-	-	-	-	-	-	-	-
4	Hampton - - - -	4573	10185	5	7	3	1	-	-	-	-	2	-	-	-	-	-
39 : 1	Richmond *WH* - - -	2271	16829	8	5	1	2	-	-	-	-	-	-	1	-	-	-
2	Mortlake - - - -	2961	9316	8	6	4	1	-	-	-	-	-	-	-	-	-	-
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	9	18	-	2	-	-	-	-	-	-	-	-	-	-
2	Chislehurst (*part of*) * *W* -	13665	10028	13	2	-	1	-	-	-	-	-	-	-	-	-	-
41 : 1	Bexley *H* - - - -	13439	19566	13	5	3	1	-	-	-	-	1	-	-	-	-	-
123 : 1	Sunbury *W* - - -	11055	9860	5	3	1	-	-	1	-	-	-	-	-	-	-	-
2	Staines *W* - - - -	13277	10339	16	12	5	4	2	1	-	-	-	-	-	-	-	3
124 : 1	Hillingdon *WH* - - -	6029	9712	6	8	1	7	-	-	-	-	-	-	-	-	-	-
2	Uxbridge - - - -	6178	5329	2	1	-	1	-	-	-	-	-	-	-	-	-	-
3	Hayes *WL* - - - -	14587	10497	6	5	-	2	-	-	-	-	-	-	-	-	-	3
125 : 1	Isleworth *W* - - -	7008	19930	13	8	2	4	-	-	-	-	-	-	1	-	-	3
2	Twickenham - - -	2477	10533	7	6	3	1	-	-	-	-	1	-	-	-	-	-
3	Brentford *HL* - - -	4370	20279	6	10	2	2	-	-	-	-	1	-	-	-	1	-
4	Chiswick - - - -	1311	8508	5	3	-	2	-	-	-	-	-	-	-	-	-	-
5	Acton *WH* - - - -	6087	12683	10	9	5	2	-	-	-	-	1	-	-	-	1	-
126 : 1	Harrow *H* - - - -	13809	10869	11	4	1	3	-	-	-	-	-	-	-	-	-	-
2	Edgware *H* - - -	6994	3450	5	3	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	14	9	2	3	-	-	-	-	-	-	-	-	-	-
4	Hendon *WH* - - -	8382	6972	4	6	1	1	-	-	-	-	-	-	-	-	1	-
127 : 1	South Mimms - - -	15419	5924	3	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Barnet *W* - - - -	5423	7752	5	4	-	3	-	-	-	-	-	-	-	-	-	-
3	Finchley *L* - - - -	4688	11493	8	8	1	1	-	-	-	-	-	-	-	-	-	5
128 : 1	Hornsey *H* - - - -	3039	19357	26	13	4	4	-	-	1	-	1	1	-	-	1	-
2	Tottenham *H* - - -	4642	22869	23	11	-	-	-	-	-	-	-	-	-	-	-	-
3	Edmonton *WW* - - -	7483	13860	11	12	3	6	-	-	-	-	-	-	1	-	-	4
4	Enfield *WH* - - -	12653	16054	4	5	3	1	-	-	-	-	-	1	-	-	-	-
5	Waltham Abbey - - -	11017	5197	2	1	-	1	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	3	2	-	2	-	-	-	-	-	-	-	-	-	-
134 : 1	Hatfield (*part of*) * - -	3180	559	2	-	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	3	4	3	1	-	-	-	-	-	-	-	-	-	-
185 : 1	Stratford - - - -	882	23286	28	14	3	3	-	-	3	-	-	-	-	-	-	-
2	West Ham *WWWW* - -	7345	44642	46	32	7	5	3	1	2	-	2	1	-	3	2	1
3	Leyton *WW* - - -	4274	15513	9	7	3	2	-	1	-	-	-	-	-	-	-	-
4	Walthamstow *H* - -	6619	15701	6	8	1	3	-	-	-	1	-	-	-	-	-	-
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	3	2	1	-	-	-	-	-	-	-	-	-	-	-
188 :	Romford (*part of*) * - -	6730	2879	2	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford - - - - -	8492	5947	1	2	-	2	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	7	4	2	-	-	1	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:—29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903); 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoidon-Bois (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 2nd March 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	
EATER LONDON	446,494	4,450,015	23·0	3·8	1962	462	447	59	49	41	9	123	31	14	56	316
INNER LONDON -	78,080	3,577,304	23·9	4·2	1637	381	358	54	41	35	8	112	27	11	48	290
OUTER RING -	368,414	872,711	19·4	2·3	325	81	89	5	8	6	1	11	4	3	8	26

OTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal 97·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area 68,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, hich 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than iles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,748,437 Persons.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	January	26	–	300	36·4	Ent. and simple fevrs. 80; cholera 13; sm.-pox 11.
BOMBAY - -	644,405	„	29	–	508	41·0	Remittent fever 190; measles 33.
MADRAS - -	397,552	„	4	286	691	90·3	Small-pox 22; fevers 160; dysentery 190.
PARIS - - -	1,988,806	February	28	–	1077	28·2	Typhoid fev. 12; measles 37; diphtheria 26.
GENEVA - -	68,792	„	23	35	32	24·3	—
BRUSSELS - -	175,782	„	23	104	115	34·1	Measles 8.
AMSTERDAM -	302,266	„	23	194	163	28·0	Typhus and typhoid fev. 4; whooping-cough 6.
ROTTERDAM -	142,585	„	23	115	80	29·1	Whooping-cough 3.
THE HAGUE -	107,896	„	23	80	61	29·3	Typhus and typhoid fever 2.
COPENHAGEN -	220,000	„	19	158	107	25·4	—
STOCKHOLM -	146,845	„	16	–	61	21·6	Scarlet fever 3; typhoid fever 4.
CHRISTIANIA -	105,000	„	23	94	37	18·3	—
ST. PETERSBURGH	669,741	„	16	–	729	56·6	Typhus 60; typhoid fever 83.
BERLIN - -	1,019,620	„	9	774	486	24·8	Scarlet fev. 10; diph. 23.
HAMBURG (State)	406,104	„	9	293	241	31·0	Whooping-cough 12; typhus & typhd. fev. 5.
		„	16	344	247	31·7	Whooping-cough 9; typhus & typhd. fev. 7.
DRESDEN - -	207,845	„	16	153	106	26·5	—
BRESLAU - -	267,000	„	23	211	133	25·9	Fevers 4.
MUNICH - -	222,000	„	23	175	166	39·0	Diphtheria and croup 3.
VIENNA - -	727,271	„	23	535	457	32·7	Small-pox 8; diphtheria 28.
BUDA-PESTH -	319,530	„	16	260	230	37·4	Small-pox 6; diphtheria 11.
ROME - - -	282,214	January	19	163	189	34·9	Diphtheria and croup 5; typhus & typhd. fev. 4.
NAPLES - -	457,407	„	28	–	352	40·2	Diphtheria 4; croup 4.
TURIN - -	227,843	February	16	137	171	39·2	Typhus and typhoid fev. 5; diph. and croup 9.
VENICE - -	139,796	„	23	78	82	30·6	—
ALEXANDRIA -	212,034	„	21	197	162	39·9	Small-pox 2; diphtheria 3.
NEW YORK -	1,084,528	„	2	–	513	24·5	Scarlet fever 31; diphtheria 20; croup 17.
BROOKLYN -	549,438	„	2	–	177	16·8	Scarlet fever 14; diphtheria 8.
PHILADELPHIA	876,118	„	9	–	305	18·2	Scarlet fever 12; diphtheria 9.
BOSTON - -	363,000	„	2	–	133	19·0	Diphtheria 13.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 2nd MARCH, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.	Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Difference. Greatest.	Difference. Least.	Difference. Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure on square foot. Greatest.	Osler's. Pressure on square foot. Least.	Osler's. Pressure on square foot. Mean of 24 Obs	Robinson's. Amount of Horizontal Movement of Air each day.	Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
FEBRUARY.		in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN. . 24	Last Qr.	30·027	48·4	41·1	7·3	44·9	39·4	60·7	36·3	47·5	45·3	5·5	7·3	1·1	+ 5·6	81	N. & SW.	NW. & WSW.	0·0	0·0	0·0	98	—204	0·00	1·3
MON. . 25	Greatest Dec. S.	29·941	53·7	41·9	11·8	46·6	39·9	88·0	37·0	47·5	45·3	6·7	11·6	2·2	+ 7·1	77	WSW.	W. WNW. & WSW.	1·6	0·0	0·2	297	— 18	0·00	1·5
TUES. . 26	..	29·941	52·1	41·7	10·4	47·2	40·3	76·0	37·3	47·5	45·3	6·9	12·6	2·5	+ 7·5	77	WSW.	SW.	2·1	0·0	0·5	429	+100	0·00	1·2
WED. 27	..	29·675	51·9	43·3	8·6	47·3	43·7	76·2	41·0	47·7	45·8	3·6	7·0	1·9	+ 7·4	87	SSW.	SSW. SW. & WSW.	9·7	0·0	0·7	440	+ 97	0·19	8·0
THURS 28	..	29·746	54·4	47·4	7·0	51·0	48·4	66·1	44·0	47·7	45·8	2·6	4·8	1·8	+10·9	91	WSW. & SW.	WSW.	4·4	0·0	0·7	460	+110	0·02	5·5
MARCH.																									
FRI. . 1	..	29·526	56·8	50·2	6·6	53·1	49·5	73·6	48·0	48·3	46·7	3·6	5·3	2·5	+12·8	88	SW.	SW.	13·5	0·0	2·8	646	+298	0·11	14·0
SAT. . 2	..	29·851	56·4	45·5	10·9	50·5	40·0	96·5	41·0	49·3	47·5	10·5	14·6	4·9	+10·1	67	WSW.&NNW.	NNW. & NW.	3·3	0·0	0·3	316	— 18	0·02	5·3
MEANS .	..	29·815	53·4	44·4	8·9	48·7	43·0	76·7	40·7	47·9	46·0	5·6	9·0	2·4	+ 8·8	81	SW.		..	..	..	Sum 2686	Sum +365	Sum 0·34	5·3
No. of Col.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. February.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY .	24	The electrical apparatus was not in action throughout the week.	0·0	10·5	Overcast. Fog prevailed in morning.
MONDAY .	25		1·0	10·6	Generally cloudy till evening; cloudless at night.
TUESDAY .	26		0·4	10·7	Generally overcast. A little thin rain fell in the evening.
WEDNESDAY	27		0·0	10·7	Overcast. Rain fell throughout the afternoon and evening.
THURSDAY .	28		0·0	10·8	Overcast. Occasional rain.
MARCH.					
FRIDAY .	1		0·0	10·8	Overcast. Frequent rain.
SATURDAY .	2		2·8	10·9	Rain fell in the early morning hours. Fine and partially cloudy throughout day.
..		..	Sum 4·2	Sum 75·0	
No. of Col.		28	29	30	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and — "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B.. Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer dreceased from 30·13 in. at the beginning of the week to 29·49 in. by 9h. P.M. on the 27th; increased to 29·76 in. by 9h. A.M. on the 28th of February; decreased to 29·48 in. by 9h. P.M. on the 1st of March; and increased to 30·03 in. by the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
11th March, 1878.

United Kingdom.

During last week 6223 *births* and 3833 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The natural increase of population was 2390. The mortality from all causes was at the average rate of 24 deaths annually in every 1000 persons living. The annual death-rate was 31 per 1000 in Edinburgh, 26 in Glasgow, and 32 in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Sunderland 14, Portsmouth 15, Leicester 15, Nottingham 16, Leeds 20, Wolverhampton 22, Newcastle 22, Bristol 22, Hull 22, Sheffield 23, Salford 23, London 23, Brighton 23, Bradford 23, Liverpool 25, Norwich 26, Oldham 26, Manchester 29, Birmingham 29, and the highest rate during the week 32 in Plymouth. The annual death-rate from the seven principal zymotic diseases averaged 3·4 per 1000 in the twenty towns, and ranged from 1·3 and 1·4 in Bristol and Leeds, to 6·3 in Oldham and Wolverhampton, and 9·9 in Plymouth. Since the beginning of the year 82 fatal cases of whooping-cough have been registered in Plymouth, equal to an annual rate of 5·8 per 1000. Small-pox caused 34 deaths in London last week, but not one in any of the nineteen large provincial towns.

London.

In London 2691 births and 1580 deaths were registered. Allowing for increase of population, the births exceeded by 100, whereas the deaths were 104 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the three previous weeks had been equal to 28·1, 25·6, and 23·9 per 1000, further declined last week to 23·1.

The 1580 deaths included 34 from small-pox, 46 from measles, 35 from scarlet fever, 7 from diphtheria, 102 from whooping-cough, 28 from different forms of fever, and 7 from diarrhœa; thus to the seven principal diseases of the zymotic class 259 deaths were referred, against 257 and 288 in the two preceding weeks. Whooping-cough continues fatally prevalent, and caused 102 deaths last week, against 124, 100, and 112 in the three preceding weeks; 7 occurred in Marylebone, 7 in Hackney, 9 in Shoreditch, 8 in Bermondsey, and 11 in Lambeth. The 46 deaths from measles included 6 in Islington, 5 in Bow and Poplar, and 5 in Peckham. Of the 35 deaths from scarlet fever, 3 occurred in Kentish Town, 4 in Islington, and 5 in Hackney. Two more fatal cases of diphtheria were recorded in Stamford Hill sub-district. The deaths referred to fever, which had been 24 and 27 in the two preceding weeks, were 28 last week, although 6 below the corrected average number in the corresponding week of the last ten years; 6 were fatal cases of typhus, 17 of enteric or typhoid, and 5 of simple continued fever. The 6 deceased typhus patients had resided at:—7, Winholt Street, Bethnal Green; 38, Clemence Street, Limehouse; 12, Oak Place, Rotherhithe; 47, Nelson Row, Clapham; and at 4, Percy Terrace, Nunhead Lane, Peckham.

The deaths from small-pox, which had been 39 and 54 in the two preceding weeks, declined again to 34 last week, of which 22 occurred in the Metropolitan Asylum Hospitals, 2 in the Highgate Small-pox Hospital, and 10 in private dwelling-houses. Four of the deceased small-pox patients had resided in Pancras, 3 in Bethnal Green, 3 in Stepney, and 3 in Lambeth. Two deaths from small-pox occurred in private dwelling-houses in Mile End Old Town; and the cause of a

death in Hope's Court, Walworth, was described as "probably small-pox," but was not certified by a registered medical practitioner. Of the 34 fatal cases of small-pox, 7 were certified as vaccinated, and 20 as unvaccinated; while in the remaining 7 cases the medical certificates did not give any information as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which had declined to 137 at the beginning of October last, have since increased to 630, 651, and 667 at the end of the last three weeks; 153 new cases were admitted to these hospitals during last week, against 173 and 162 in the two previous weeks. The admissions, therefore, have showed a slight decline during the past three weeks. The Highgate Small-pox Hospital contained 61 patients on Saturday last, against 61 and 59 on the two preceding Saturdays.

Six fatal cases of puerperal fever were registered last week, of which 3 occurred in the West group of districts, including 2 in Kensington; one of the latter cases had been attended by an unregistered practitioner. A death from this cause was also recorded in Queen Charlotte's Lying-in Hospital.

The deaths referred to diseases of the respiratory organs, which had been 544, 475, and 413 in the three preceding weeks, further declined to 362 last week, and were 54 below the corrected weekly average; 215 resulted from bronchitis and 90 from pneumonia. During the 24 days ending 8th instant, the mean temperature was continuously excessive, and averaged 47°·3 at the Royal Observatory, Greenwich, which was 7°·7 above the mean for the corresponding period in 60 years.

Different forms of violence caused 51 deaths; 39 were the result of negligence or accident, including 16 from fractures and contusions, 5 from burns and scalds, 4 from drowning, and 8 of infants under one year of age from suffocation. The 16 deaths from fractures and contusions were thus caused:—male aged 54, run over by a cab; female 4, run over by a van; female 6, run over by a brougham; male 34, hand crushed by the wheel of a van; male 21, run over on the Midland Railway; male 56, run over on the Great Northern Railway; females 75 and 52 (intoxicated), fell down stairs; male 3, fell into area; male 20, fell from a scaffold; females 1 and 47 (in a fit), fell in the street; male 4, fell on the floor; male 30, by fall (nature not stated); male 23, fractured skull by fall of iron on him; and male 67, from concussion of brain, how caused, not stated. An inquest was held in each of these cases.

In the large Public Institutions 294 deaths were recorded, or 19 per cent. of the total deaths; of these, 179 occurred in Workhouse Establishments, 111 in Hospitals, and 4 in Lunatic Asylums.

Greater London.

In the Greater London 3256 births and 1852 deaths were registered, equal to annual rates of 38·2 and 21·7 per 1000 of the population. In the Outer Ring, 7 fatal cases of small-pox were registered in the district of West Ham, and one in Edmonton. In Enfield sub-district, 3 deaths were referred to scarlet fever and one to enteric fever.

Dr. Frankland reports as the result of his analyses of the waters supplied to the Metropolis and some of its suburbs during February, that taking unity to represent the average amount of organic impurity in a given volume of the Kent Company's water during the nine years ending December 1876, the proportional amount of such impurity in an equal volume of water supplied by each of the other companies, and by the Tottenham Local Board, was:—Tottenham 0·7, Colne Valley 1·0, Kent 1·1, New River 2·2, East London 3·1, Southwark 3·2, West Middlesex 3·2, Lambeth 3·3, Chelsea 3·7, and Grand Junction 3·9. The quality of the waters delivered by the five companies drawing their supply from the Thames showed an improvement upon that in the previous month, although containing, on an average, rather more than three times as much organic matter as the Kent Company's water; these waters were all efficiently filtered before delivery. The Lea water was also of much better quality than that delivered in the two previous months; this water was efficiently filtered before delivery, but contained more than twice as much organic matter as the Kent Company's water. The waters supplied by the Kent and Colne Valley Companies, and by the Tottenham Local Board, were of the usual excellent quality; they were clear, colourless, palatable, and wholesome.

Dr. Hill reports that the water supplied to Birmingham was "clear, and of greatly improved quality." Dr. Mills reports that the Glasgow water, drawn from Loch Katrine, was "of a light brown colour, and contained muddy particles and numerous fibres."

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 35, Bombay 46, Madras 84; Paris 28; Geneva 29; Brussels 28; Amsterdam 26, Rotterdam 32, The Hague 28; Copenhagen 24; Stockholm 26; Christiania 21; St. Petersburgh 62; Berlin 28, Hamburg 26, Dresden 26, Breslau 30, Munich 43; Vienna 34; Buda-Pesth 42; Rome 42, Naples 45, Turin 37; Alexandria 44; New York 22, Brooklyn 18, Philadelphia 20, and Boston 16. Typhus and typhoid fevers caused 155 deaths in St. Petersburgh.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30·06 in.; the highest reading was 30·39 in. on Monday morning, and the lowest 29·71 in. on Thursday evening. The mean temperature of the *air* was 46°·6, and 6°·1 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed a marked excess on each of the first six days of the week, whereas on Saturday it fell to 39°·1, and was 1°·4 below the average. The lowest night temperature was 34°·0 on Saturday, and the highest day temperature in the shade 57°·3 on Sunday; the extreme range in the week was, therefore, 23°·3. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 100°·9 on Monday. The difference between the mean *dew-point* and *air* temperature averaged 8°·7. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 49°·1. The mean degree of *humidity* of the air was 72, complete saturation being represented by 100; the air was therefore dry. The general direction of the *wind* was westerly, and the horizontal movement of the air averaged 18·2 miles per hour, which was 3·8 above the average in the corresponding week of 16 years. No *Rain* was measured during the week. The duration of registered sunshine in the week was 19·4 hours, the sun being above the horizon during 78·3 hours; the recorded duration of sunshine was, therefore, equal to 24·8 per cent. of its possible duration.

The Registrar General has to acknowledge the courtesy of the London Water Companies who have furnished him with the average daily quantity of Water supplied during the month of February 1878; according to their returns 117,265,890 gallons or 532,793 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 216 gallons (98·1 decalitres), rather less than a *ton* by weight, to each house, and 30·5 gallons (13·9 decalitres) to each person, against 29·4 gallons during February 1877.

Companies.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons (including that for Manufactures and for various purposes other than for domestic consumption) during the Month of	
	February 1877.	February 1878.	February 1877.	February 1878.
Total Supply . . .	530,656	541,779	110,670,113	117,265,890
From Thames	248,196	254,964	55,996,723	58,506,255
From Lea and from other Sources . .	282,460	286,815	54,673,390	58,759,635
Thames.				
Chelsea	28,737	28,859	6,955,400	7,540,200
West Middlesex	48,810	50,260	9,313,279	8,935,187
Southwark and Vauxhall . . .	77,850	79,809	17,230,000	18,400,000
Grand Junction	37,055	37,910	10,578,944	11,183,668
Lambeth	55,744	58,126	11,919,100	12,447,200
Lea and other Sources.				
New River	125,061	126,240	24,299,000	25,501,000
East London	111,967	115,143	23,838,000	26,136,800
Kent	45,432	45,432	6,536,390	7,121,835

Note.—The Return for February 1878, as compared with that for the corresponding month of 1877, shows an increase of 11,123 houses, and of 6,595,777 gallons of water supplied daily.

Analysis of Metropolitan Water Supply during February.

Royal College of Chemistry, South Kensington Museum,
8th March, 1878.

Sir,

I have to report to you in the following Table the results of the chemical analysis of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of February.

I append, also, the results obtained in the analyses of the water supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the nine years ending December 1876 as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health was:—Tottenham 0·7, Colne Valley 1·0, Kent 1·1, New River 2·2, East London 3·1, Southwark 3·2, West Middlesex 3·2, Lambeth 3·3, Chelsea 3·7, and Grand Junction 3·9.

The water drawn from the Thames by the Chelsea, West Middlesex, Grand Junction, Southwark, and Lambeth Companies had improved in quality since my last report, though it still contained on an average 3·15 times as much organic matter as the Kent Company's water. All the Thames water was efficiently filtered before delivery.

The water of the Lea was also of much better quality in February than in the two previous months. It contained on an average 2·41 times more organic matter than the Kent Company's water, although it was efficiently filtered before delivery.

The water supplied by the Kent and Colne Valley Companies, and by the Tottenham Local Board, was clear, colourless, wholesome, and palatable, and of its usual excellent quality for dietetic purposes.

Seen through a stratum two feet deep, the water supplied by the Kent and Colne Valley Companies, and by the Tottenham Local Board, was clear and colourless; the New River and East London Company's water was clear and almost colourless; and that distributed by the Chelsea, West Middlesex, Southwark, Grand Junction, and Lambeth Companies, clear and very pale yellow.

Dr. Hill, the Medical Officer of Health for Birmingham, reports that the water supplied to that town "was clear, and of greatly improved quality."

Dr. Mills, F.R.S., of Anderson's College, Glasgow, reports that the water supplied to that city from Loch Katrine "was of a light brown colour, and contained muddy particles and numerous fibres."

I am, &c.
E. FRANKLAND.

The Registrar General, &c. &c.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

	Companies or Local Authorities.	Date and Place of Collection.	Temperature in centigrade degrees.	Total Solid Matters.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Nitrates and Nitrites.	Total combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	THAMES:		°								
	Chelsea	14th February, Cab Rank, Horse Guards.	4·8	30·84	·190	·031	0	·273	·304	1·6	21·2
	West Middlesex	14th February, Cab Rank, Portland-road.	5·3	31·18	·161	·030	0	·273	·303	1·65	22·1
	Southwark	14th February, Cab Rank, St. George's Church, Borough.	5·5	31·14	·154	·033	0	·285	·318	1·65	22·2
	Grand Junction	14th February, Lancaster-gate, Hyde Prk.	4·8	31·40	·181	·050	0	·282	·332	1·6	22·2
	Lambeth	14th February, Cab Rank, Westminster Bridge-road.	4·5	32·22	·169	·025	0	·304	·329	1·65	22·2
	OTHER SOURCES:										
	New River	14th February, Cab Rank, Tottenham-court-road.	4·3	30·90	·108	·021	0	·383	·404	1·6	22·4
	East London	14th February, Royal Hotel, Mile-End-rd.	4·8	35·08	·154	·028	0	·346	·374	1·9	24·0
	Kent	12th February, Deptford Bridge Police Station.	10·3	41·32	·048	·016	0	·578	·594	2·5	28·1
Outer Circle.	Colne Valley	8th February, Bushey.	7·2	13·94	·047	·014	0	·339	·353	1·45	6·4
	Tottenham Local Board	21st February, High Street, Tottenham.	—	47·68	·031	·012	0	·584	·596	3·4	25·0
	Corporation of Birmingham*	5th February, 2 Court, Skinner-street.	6·1	33·08	·081	·024	·002	·220	·260	1·4	17·4
	Corporation of Glasgow †	18th February, Loch Katrine service.	6·2	2·8	·191	·013	0	·005	·018	·50	1·11
	Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

* Analysed by Dr. Alfred Hill, Medical Officer of Health and Analyst to the Borough.
† Analysed by Dr. E. J. Mills, F.R.S., of Anderson's College, Glasgow.

The numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11, all relate to 100,000 parts of the waters. The Table is to be read thus: the Chelsea Company's water, collected on the 14th February at the Horse Guards cab-rank, had a temperature of 4°·8 C.; 100,000 lbs. of it contained 30·84 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·190 lb. of carbon and ·031 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·273 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of *combined* nitrogen in every form was ·304 lb. The above weight of water also contained 1·6 lbs. of chlorine; and 21·2 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 9th March 1878.

CITIES AND BOROUGHS. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 9th March 1878.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
In 23 TOWNS in the UNITED KINGDOM	220,845	8,373,953	37·9	6223	3833	60·0	27·8	45·8	7·67	0·21	0·53
LONDON	75,362	3,577,304	47·5	2691	1580	57·3	34·0	46·6	8·12	0·00	0·00
BRIGHTON	2,354	103,923	44·1	52	46	56·4	36·0	45·2	7·33	0·06	0·15
PORTSMOUTH	4,486	129,461	28·9	92	38	–	–	–	–	–	–
NORWICH	7,472	84,620	11·3	72	42	56·8	34·0	45·8	7·67	0·00	0·00
PLYMOUTH	1,395	73,599	52·8	45	45	60·0	40·0	48·1	8·95	0·02	0·05
BRISTOL	4,452	206,419	46·4	157	87	56·1	36·6	46·4	8·00	0·11	0·28
WOLVERHAMPTON	3,396	74,240	21·9	49	31	56·0	33·5	44·9	7·17	0·09	0·23
BIRMINGHAM	8,400	383,117	45·6	339	213	–	–	–	–	–	–
LEICESTER	3,200	121,473	38·0	110	36	57·0	33·5	45·4	7·44	0·08	0·20
NOTTINGHAM	9,960	165,267	16·6	137	52	59·4	30·2	45·9	7·72	0·00	0·00
LIVERPOOL	5,210	532,681	102·2	371	252	52·8	36·0	45·8	7·67	0·24	0·61
MANCHESTER	4,293	360,514	84·0	268	197	–	–	–	–	–	–
SALFORD	5,170	170,251	32·9	140	75	54·5	27·8	43·4	6·33	0·57	1·45
OLDHAM	4,666	107,366	23·0	68	54	–	–	–	–	–	–
BRADFORD	7,220	185,088	25·6	117	83	53·0	30·4	45·3	7·39	0·22	0·56
LEEDS	21,572	304,948	14·1	221	115	55·0	30·0	46·4	8·00	0·06	0·15
SHEFFIELD	19,651	289,537	14·7	211	127	57·0	30·0	45·5	7·50	0·21	0·53
HULL	3,635	143,139	39·4	114	61	56·0	28·0	44·2	6·78	0·24	0·61
SUNDERLAND	3,306	112,459	34·0	89	31	58·0	31·0	47·1	8·39	0·08	0·20
NEWCASTLE-ON-TYNE	5,371	144,570	26·9	115	61	–	–	–	–	–	–
EDINBURGH	4,191	222,371	53·1	146	131	53·2	33·5	44·7	7·06	0·41	1·04
GLASGOW	6,033	566,940	94·0	439	283	53·2	30·5	44·9	7·17	1·05	2·67
DUBLIN	10,050	314,666	31·3	180	193	58·5	38·2	48·1	8·95	0·30	0·76

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.

† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the dition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, lford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the l of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the mber enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday the 9th March 1878.

BOROUGHS, &c. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
				Deaths of		Deaths from									
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
In 20 TOWNS	23·2	3·4	3226	781	603	34	71	86	9	187	53	32	113	200	496
LONDON	23·1	3·8	1580	370	308	34	46	35	7	102	28	7	51	96	294
BRIGHTON	23·1	2·5	46	11	11	–	–	–	–	5	–	–	1	2	9
PORTSMOUTH	15·3	1·6	38	10	7	–	–	2	–	2	–	–	1	6	2
NORWICH	25·9	4·9	42	8	17	–	–	–	–	7	1	–	1	4	3
PLYMOUTH	31·9	9·9	45	16	9	–	2	–	–	9	2	1	1	1	1
BRISTOL	22·0	1·3	87	18	24	–	–	–	1	–	1	3	3	5	16
WOLVERHAMPTON	21·8	6·3	31	13	5	–	–	1	–	4	3	1	1	1	8
BIRMINGHAM	29·0	3·4	213	65	30	–	1	5	–	15	–	4	13	29	14
LEICESTER	15·5	2·1	36	8	6	–	–	–	–	4	1	–	3	4	7
NOTTINGHAM	16·4	1·9	52	13	10	–	–	–	–	5	1	–	2	3	5
LIVERPOOL	24·7	3·7	252	62	39	–	11	4	–	15	5	3	8	10	37
MANCHESTER	28·5	4·2	197	38	19	–	6	12	1	4	3	3	12	20	38
SALFORD	23·0	2·5	75	20	10	–	–	3	–	2	3	–	1	2	7
OLDHAM	26·2	6·3	54	12	5	–	2	6	–	4	–	1	1	1	–
BRADFORD	23·4	2·3	83	20	16	–	–	2	–	2	3	1	–	1	6
LEEDS	19·7	1·4	115	34	25	–	2	2	–	1	–	3	2	4	12
SHEFFIELD	22·9	2·3	127	20	31	–	1	10	–	2	–	–	7	7	22
HULL	22·2	1·5	61	19	12	–	–	–	–	2	1	1	2	2	7
SUNDERLAND	14·4	2·8	31	10	7	–	–	3	–	1	–	2	1	1	–
NEWCASTLE-ON-TYNE	22·0	1·8	61	14	12	–	–	1	–	1	1	2	2	1	8
DUBLIN	32·0	3·8	193	37	45	6	3	2	1	4	4	3	5	4	67

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the TENTH Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2269	2240	2498	2261	2568	2536	2236	2509	2557	2543	2421·7	2691
Males . .	1187	1134	1270	1141	1309	1312	1124	1240	1296	1306	1231·9	1388
Females .	1082	1106	1228	1120	1259	1224	1112	1269	1261	1237	1189·8	1303
TOTAL **Deaths**	1331	1519	1499	1601	1565	1617	1524	1847	1455	1782	1574·0	1580
Males . .	686	775	770	835	811	835	777	945	729	913	807·6	828
Females .	645	744	729	766	754	782	747	902	726	869	766·4	752

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868-77 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Dec. 15.	Dec. 22.	Dec. 29.	Jan. 5.	Jan. 12.	Jan. 19.	Jan. 26.	Feb. 2.	Feb. 9.	Feb. 16.	Feb. 23.	Mar. 2.	Mar. 9.
TOTAL **Deaths** - - -	1613	1761	1757	1892	1760	1903	1864	1703	1813	1927	1756	1637	1580
0—20 - -	786	944	868	911	867	918	899	788	855	896	839	823	807
20—40 - -	218	205	217	244	230	240	203	248	245	246	212	202	216
40—60 - -	241	273	274	317	288	298	335	276	305	331	263	254	249
60—80 - -	307	282	331	345	309	373	359	320	326	376	358	297	260
at 80 years & upwds.	61	57	67	75	66	74	68	71	82	78	84	61	48
Deaths of children: Under 1 year -	359	417	398	436	380	416	409	318	393	412	397	381	370
Deaths of children: 1—5 - - -	302	400	367	378	363	397	365	342	344	340	326	333	331
Deaths of children: 5—20 - -	125	127	103	97	124	105	125	128	118	144	116	109	106
Deaths from 7 principal Zymotic Diseases	248	301	311	292	299	291	304	266	306	295	257	288	259
" " Smallpox - -	31	31	29	26	35	51	34	38	55	47	39	54	34
" " Measles - -	92	102	109	104	97	77	63	56	40	43	40	41	46
" " Scarlet Fever -	54	46	31	31	39	35	39	43	37	32	34	35	35
" " Diphtheria -	10	3	12	5	9	5	6	9	10	5	9	8	7
" " Whooping-cough	25	64	82	89	69	94	117	89	114	124	100	112	102
" " Typhus fever -	3	6	7	1	7	4	3	5	3	2	5	5	6
" " Enteric (or Typhoid) fever -	20	27	23	23	19	15	23	12	21	24	16	18	17
" " Simple Cont^d fever	3	8	6	4	7	2	6	3	4	4	3	4	5
" " Diarrhœa - -	10	14	12	9	17	8	13	11	22	14	11	11	7
" " Simple Cholera -	–	–	–	1	–	–	–	1	–	–	–	–	–
" " Dis. of Respiratory Organs -	415	487	467	535	464	541	455	448	502	544	475	413	362
" " Phthisis - -	151	170	158	167	177	168	174	167	166	199	168	156	162
" " Heart Diseases -	96	91	94	99	100	103	121	111	95	112	108	94	75
Violent Deaths - - -	55	44	50	67	65	71	56	53	48	61	60	48	51
Inquest Cases - - -	91	88	94	136	134	137	97	95	96	127	115	106	96
Deaths in Public Institutions	297	310	306	301	302	358	336	324	332	387	353	290	294
TEMPERATURE OF THE AIR:													
Mean - - - -	39·0°	41·8°	37·8°	43·9°	36·9°	42·9°	42·3°	36·2°	35·1°	42·6°	46·5°	48·7°	46·6°
Mean of Highest readings -	45·1	45·4	43·2	47·1	41·1	47·9	46·7	40·8	38·5	48·0	52·7	53·4	53·1
Mean of Lowest readings -	32·5	38·1	32·1	39·7	32·5	36·8	37·5	31·0	31·9	36·4	41·5	4·44	41·3
Mean Temperature of the Water of the Thames -	42·4	40·9	40·7	40·6	41·9	39·8	43·0	39·8	38·1	39·6	45·1	47·0	49·1
Humidity of the Air - -	87	91	79	91	82	83	80	87	92	91	83	81	72
Rain-fall in inches - -	0·18	0·03	0·55	0·48	0·02	0·02	0·11	0·42	0·05	0·80	0·03	0·34	0·00
Registered Sunshine (in hours)	6·0	1·5	12·2	3·5	8·1	6·5	11·6	11·8	3·8	8·2	15·8	4·2	19·4

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich: John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TENTH Week of the Year 1878.

CAUSES OF DEATH.	Average in the Tenth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, March 9, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature -	41°·7	46°·6							
ALL CAUSES - -	1574·0	1580	370	331	106	216	249	260	48
SPECIFIED CAUSES	1566·7	1578	368	331	106	216	249	260	48
I. ZYMOTIC.									
ORDER 1.									
1. Small-pox - - -	38·6	34	2	5	8	16	2	1	-
2. Measles - - -	30·6	46	5	37	3	1	-	-	-
3. Scarlet Fever - -	32·9	35	-	22	11	2	-	-	-
4. Diphtheria - -	6·4	7	-	6	1	-	-	-	-
5. Quinsy - - -	·9	-	-	-	-	-	-	-	-
6. Croup - - -	14·8	16	3	12	1	-	-	-	-
7. Whooping-cough -	64·2	102	42	54	6	-	-	-	-
8. Typhus - - -	32·0 (Enteric or Typhoid Fev.)	6	-	-	2	1	2	1	-
— Enteric or Typhoid Fev.		17	1	1	7	7	1	-	-
— Simple continued Fev.		5	1	2	1	1	-	-	-
9. Erysipelas - -	6·5	5	3	-	-	-	1	1	-
10. Puerperal Fev. (Metria)	4·7	6	-	-	1	5	-	-	-
11. Carbuncle - -	·8	-	-	-	-	-	-	-	-
12. Influenza - - -	·5	-	-	-	-	-	-	-	-
13. Dysentery - -	1·7	-	-	-	-	-	-	-	-
14. Diarrhœa - - -	13·2	7	5	1	-	-	-	1	-
15. Simple Cholera - -	·2	-	-	-	-	-	-	-	-
16. Ague - - - -	·3	-	-	-	-	-	-	-	-
17. Remittent Fever -	·2	1	-	-	-	1	-	-	-
18. Rheumatism - -	8·0	9	-	-	3	2	2	2	-
19. Other *Zymotic* Diseases	·2	1	-	1	-	-	-	-	-
ORDER 2.									
1. Syphilis - - -	8·8	6	5	-	-	1	-	-	-
2. Stricture of Urethra -	1·3	5	-	-	-	-	4	1	-
3. Hydrophobia - -	—	-	-	-	-	-	-	-	-
4. Glanders - - -	·1	-	-	-	-	-	-	-	-
ORDER 3.									
1. Privation - - -	·7	-	-	-	-	-	-	-	-
2. Want of Breast-milk	7·8	12	12	-	-	-	-	-	-
3. Purpura and Scurvy -	2·7	6	1	5	-	-	-	-	-
4. Alcoholism { a Del. Tremens	1·5	1	-	-	-	-	1	-	-
4. Alcoholism { b Intemperance	1·5	1	-	-	-	-	-	1	-
ORDER 4.									
1. Thrush - - -	2·8	1	1	-	-	-	-	-	-
2. Worms, &c. - -	·4	-	-	-	-	-	-	-	-
II. CONSTITUTIONAL.									
ORDER 1.									
1. Gout - - - -	3·0	2	-	-	-	-	1	1	-
2. Dropsy - - -	10·0	2	-	-	-	-	-	2	-
3. Cancer - - -	30·8	42	-	1	-	9	20	12	-
4. Cancrum Oris (Noma)	·2	-	-	-	-	-	-	-	-
5. Mortification - -	3·9	7	1	-	-	-	3	1	2
ORDER 2.									
1. Scrofula - - -	11·0	14	4	2	5	2	-	1	-
2. Tabes Mesenterica -	20·2	24	10	10	3	1	-	-	-
3. Phthisis - - -	179·0	162	2	3	13	81	46	17	-
4. Hydrocephalus - -	29·7	37	16	21	-	-	-	-	-
III. LOCAL.									
ORDER 1.									
1. Cephalitis - - -	22·8	23	7	8	6	2	-	-	-
2. Apoplexy - - -	44·6	34	1	3	-	2	16	10	2
3. Paralysis - - -	29·7	39	1	-	-	3	9	24	2
4. Insanity - - -	2·9	1	-	-	-	-	1	-	-
5. Chorea - - -	·2	-	-	-	-	-	-	-	-
6. Epilepsy - - -	9·5	9	-	1	-	3	1	3	1
7. Convulsions - -	64·5	56	41	15	-	-	-	-	-
8. *Brain Disease, &c.* -	18·6	25	3	3	4	3	4	7	1
ORDER 2.									
1. Pericarditis - -	2·7	2	-	-	1	1	-	-	-
2. Aneurism - - -	3·4	3	-	-	-	1	1	1	-
3. *Heart Disease, &c.* -	77·0	70	-	-	5	12	23	28	2
ORDER 3.									
1. Laryngitis - - -	14·2	19	10	5	1	1	2	-	-
2. Bronchitis - - -	240·0	215	44	42	2	6	40	72	9
3. Pleurisy - - -	4·2	6	-	-	1	2	2	1	-
4. Pneumonia - -	95·2	90	26	30	5	10	16	1	2
5. Asthma - - -	14·6	9	-	-	-	1	6	2	-
6. *Lung Disease, &c.* -	20·6	23	9	7	1	3	1	2	-

CAUSES OF DEATH.	Average in the Tenth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, March 9, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature -	41°·7	46°·6							
ORDER 4.									
1. Gastritis - - -	1·8	4	-	1	1	1	1	-	-
2. Enteritis - - -	5·6	6	2	-	-	2	1	1	-
3. Peritonitis - - -	5·5	9	1	-	3	2	1	2	-
4. Ascites - - -	1·3	1	-	-	-	-	1	-	-
5. Ulceration of Intestines	3·7	4	-	-	-	1	3	-	-
6. Hernia - - -	3·7	5	1	-	-	-	2	2	-
7. Ileus - - - -	3·6	4	-	-	-	-	-	3	1
8. Intussusception -	1·2	1	-	1	-	-	-	-	-
9. Stricture of Intestines	·6	-	-	-	-	-	-	-	-
10. Fistula - - -	1·0	-	-	-	-	-	-	-	-
11. *Stomach Disease, &c.* -	8·1	10	3	-	-	2	3	2	-
12. *Pancreas Disease, &c.*	—	-	-	-	-	-	-	-	-
13. Hepatitis - - -	4·1	3	-	-	-	1	2	-	-
14. Jaundice - - -	4·7	6	5	-	-	-	-	1	-
15. *Liver Disease, &c.* -	17·1	18	1	1	-	4	5	7	-
16. *Spleen Disease, &c.* -	·1	-	-	-	-	-	-	-	-
ORDER 5.									
1. Nephritis - - -	3·2	4	-	1	-	2	-	1	-
2. Ischuria - - -	·1	1	-	-	-	-	-	1	-
3. Bright's Dis. (Nephria)	13·4	14	-	-	1	5	3	5	-
4. Diabetes - - -	2·0	2	-	1	-	1	-	-	-
5. Calculus (Stone) -	1·1	1	-	-	-	-	-	1	-
6. Cystitis - - -	1·5	1	-	-	-	-	-	1	-
7. *Kidney Disease, &c.* -	10·2	16	1	2	1	1	3	6	2
ORDER 6.									
1. Ovarian Dropsy -	·4	-	-	-	-	-	-	-	-
2. *Uterus Disease, &c.* -	5·4	3	-	-	-	-	1	2	-
ORDER 7.									
1. Synovitis (Arthritis)	·3	-	-	-	-	-	-	-	-
2. *Joint Disease, &c.* -	6·5	6	1	-	3	-	2	-	-
ORDER 8.									
1. Phlegmon - - -	3·4	4	1	-	1	2	-	-	-
2. Ulcer - - - -	1·0	-	-	-	-	-	-	-	-
3. *Skin Disease, &c.* -	1·9	1	1	-	-	-	-	-	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth -	22·2	18	18	-	-	-	-	-	-
2. Cyanosis - - -	2·4	5	5	-	-	-	-	-	-
3. Spina Bifida - -	1·4	4	4	-	-	-	-	-	-
4. Other Malformations	2·3	1	1	-	-	-	-	-	-
5. Teething - - -	19·7	18	8	10	-	-	-	-	-
ORDER 2.									
1. Paramenia - - -	·1	-	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever) - -	5·5	3	-	-	-	3	-	-	-
ORDER 3.									
1. Old Age - - -	60·2	43	-	-	-	-	-	19	24
ORDER 4.									
1. Atrophy and Debility	53·0	68	49	8	1	2	2	6	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	17·0	16	-	4	1	5	4	2	-
2. Wounds { Gunshot	·8	-	-	-	-	-	-	-	-
2. Wounds { Cut, Stab		1	-	-	-	-	1	-	-
3. Burns and Scalds -	6·2	5	1	3	-	-	-	1	-
4. Poison - - -	·7	1	-	1	-	-	-	-	-
5. Drowning - - -	4·4	4	-	-	1	1	1	1	-
6. Suffocation - -	10·5	9	8	1	-	-	-	-	-
7. Otherwise - - -	3·0	3	-	-	2	-	1	-	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	2·1	1	1	-	-	-	-	-	-
ORDER 4. SUICIDE.)									
1 Wounds { Gunshot -	·5	3	-	-	-	-	2	1	-
1 Wounds { Cut, Stab -	1·2	3	-	-	-	1	-	2	-
2. Poison - - -	1·3	1	-	-	-	-	1	-	-
3. Drowning - - -	1·3	1	-	-	-	-	1	-	-
4. Hanging - - -	1·3	2	-	-	-	-	2	-	-
5. Otherwise - - -	·3	1	-	-	-	-	1	-	-
ORDER 5. (EXECUTION.)									
1. Hanging - - -	—	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - -	1·2	-	-	-	-	-	-	-	-
Causes not specified or ill-defined - - -	6·1	2	2	-	-	-	-	-	-

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
LONDON	3,254,260	2691	1580	370	308	34	46	35	7	102	6	17	5	7	51	96	294
WEST DISTRICTS	561,359	399	263	63	61	5	2	5	1	10	–	–	1	2	9	22	47
NORTH DISTRICTS	751,729	608	391	89	75	14	10	13	4	21	–	6	1	2	14	27	83
CENTRAL DISTRICTS	334,369	207	121	28	22	–	3	1	–	1	–	1	1	–	8	15	28
EAST DISTRICTS	639,111	607	302	66	51	4	12	7	–	27	2	2	–	2	8	9	58
SOUTH DISTRICTS	967,692	870	503	124	99	11	19	9	2	43	4	8	2	1	12	23	78
WEST DISTRICTS.																	
St. Mary Paddington *WH*	58728	38	23	4	4	–	–	1	1	1	–	–	–	–	3	4	5
St. John Paddington *H*	38085	16	13	2	7	–	–	–	–	–	–	–	–	–	2	3	3
Kensington Town *W*	91645	74	41	15	6	–	–	2	–	2	–	–	–	–	1	5	–
Brompton *H*	28654	21	12	1	3	–	–	1	–	–	–	–	–	–	–	–	2
St. Peter Hammersmith	6662	3	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
St. Paul Hammersmith *H*	36029	34	25	5	5	–	–	–	–	–	–	–	1	–	–	1	1
Fulham *WwH*	23350	36	23	5	8	5	–	1	–	1	–	–	–	1	–	1	6
Chelsea South *HHH*	26420	23	15	3	4	–	–	–	–	1	–	–	–	–	–	1	–
Chelsea North-west *WHHHH*	22926	22	13	5	3	–	–	–	–	2	–	–	–	–	–	–	6
Chelsea North-east	21392	29	8	3	1	–	–	–	–	–	–	–	–	–	–	–	–
Hanover Square *H*	18698	7	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–
May Fair *WW*	13358	8	4	1	1	–	–	–	–	–	–	–	–	–	–	–	3
Belgrave *HH*	57972	30	32	5	11	–	1	–	–	1	–	–	–	1	3	5	8
St. John Westminster *HH*	38478	28	12	3	2	–	–	–	–	1	–	–	–	–	–	–	1
St. Margaret Westminster *WH*	27781	8	22	4	4	–	–	–	–	1	–	–	–	–	–	1	8
Golden Square *WH*	12860	9	6	–	4	–	–	–	–	–	–	–	–	–	–	–	4
Berwick-street *H*	20759	5	2	1	–	–	1	–	–	–	–	–	–	–	–	–	–
St. Anne Soho *HHHHH*	17562	13	10	5	2	–	–	–	–	–	–	–	–	–	–	1	–
NORTH DISTRICTS.																	
All Souls Marylebone *HHHH*	28579	16	21	3	2	–	–	–	–	3	–	–	–	–	–	–	11
Cavendish Square *HH*	15425	5	8	3	2	–	–	–	–	1	–	–	–	–	1	2	–
Rectory Marylebone *WH*	26384	20	16	–	4	–	–	–	–	–	–	–	–	–	–	1	8
St. Mary Marylebone *HHH*	21786	25	13	5	2	–	–	–	–	1	–	1	–	–	–	–	1
Christchurch Marylebone *H*	33944	30	10	3	2	–	–	–	–	–	–	–	–	1	–	–	–
St. John Marylebone *H*	33136	14	12	4	1	–	–	–	–	2	–	–	–	–	1	1	–
Hampstead *WwHH*	32281	20	17	3	1	6	1	–	–	–	–	–	–	–	1	1	8
Regent's Park Pancras	38200	20	13	4	3	–	–	–	–	1	–	–	–	–	1	1	–
Tottenham-court *wHHH*	29370	20	14	2	3	–	–	–	–	–	–	–	–	–	–	–	8
Gray's Inn Lane *HHH*	29221	14	15	1	4	1	–	1	1	–	–	–	–	–	1	2	3
Somers Town	38533	29	13	6	1	–	1	–	–	–	–	1	–	–	–	1	–
Camden Town *WH*	17943	18	19	2	7	–	–	–	–	–	–	–	–	–	2	2	9
Kentish Town *w*	68198	57	35	7	4	–	–	3	–	1	–	–	–	–	–	2	4
Islington West *HHH*	97820	82	41	9	12	2	4	2	–	1	–	1	1	–	3	5	3
Islington East *WwwH*	115958	113	65	21	13	–	2	2	1	4	–	–	–	–	2	5	12
Stoke Newington *H*	9841	13	2	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Stamford Hill	6598	6	3	1	–	–	–	–	2	–	–	–	–	–	–	–	–
West Hackney	28069	20	11	4	3	–	–	–	–	2	–	–	–	–	–	–	–
Hackney *WwwHL*	50104	50	41	4	8	5	–	3	–	3	–	3	–	–	1	2	16
South Hackney	30339	36	22	6	2	–	2	2	–	2	–	–	–	1	1	2	–
CENTRAL DISTRICTS.																	
St. George Bloomsbury	17853	6	7	3	1	–	–	–	–	–	–	–	–	–	1	1	–
St. Giles South *WH*	19109	16	8	4	2	–	–	–	–	–	–	–	–	–	–	–	1
St. Giles North	16594	11	5	1	–	–	–	–	–	–	–	–	–	–	2	2	–
Long Acre	11379	5	4	2	1	–	–	–	–	–	–	–	–	–	–	1	–
Charing Cross *HH*	9859	1	5	–	1	–	–	–	–	–	–	–	–	–	1	1	3
St. Mary-le-Strand	9378	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Clement Danes *H*	10723	1	9	1	2	–	–	–	–	–	–	–	–	–	2	2	2
St. George-the-Martyr *HHHHH*	20521	15	10	3	1	–	–	–	–	–	–	–	–	–	–	1	4
St. Andrew Eastern *W*	13529	22	11	1	5	–	2	–	–	–	–	–	–	–	–	1	7
Saffron Hill *H*	9066	6	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–
St. James Clerkenwell *W*	18917	13	8	4	–	–	1	–	–	–	–	–	–	–	–	–	–
Amwell Clerkenwell	16884	18	7	2	–	–	–	–	–	–	–	1	–	–	1	3	–
Pentonville	13337	13	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Goswell-street	16242	7	3	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Old-street *H*	12161	10	1	–	1	–	–	–	–	–	–	–	–	–	–	1	–
City-road *HHL*	18301	24	10	2	2	–	–	–	–	–	–	–	–	–	–	1	3
Whitecross-street	13792	7	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Finsbury	10741	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Botolph East London *H*	14540	8	4	–	1	–	–	1	–	–	–	–	–	–	–	–	–
Cripplegate	13638	4	3	1	–	–	–	–	–	1	–	–	–	–	–	–	–
St. Sepulchre *H*	7562	1	9	–	–	–	–	–	–	–	–	–	1	–	–	–	8
St. Bride *W*	11185	5	2	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Castle Baynard	4426	2	2	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Christchurch	6270	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Queenhithe	4753	–	3	–	–	–	–	–	–	–	–	–	–	–	1	1	–
Allhallows Barking	5764	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Broad Street *H*	7845	3	3	–	2	–	–	–	–	–	–	–	–	–	–	–	–

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: *W*—Workhouse *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see no at the foot of next page.

FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT Saturday, 9th March 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age.	Deaths of Persons aged 60 Years & upwds.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
Holywell Shoreditch	12430	3	5	-	-	-	-	-	-	2	-	-	-	-	-	-	-
St. Leonard Shoreditch *HL*†	16545	13	7	2	-	-	-	-	-	-	-	-	-	-	-	-	1
Hoxton New Town *w*	27835	33	15	3	5	-	-	1	-	1	-	-	-	-	-	-	5
Hoxton Old Town	26933	30	17	6	2	-	2	-	-	6	-	-	-	-	-	-	-
Haggerston * *WH*	43421	49	21	3	7	-	-	-	-	-	-	-	-	-	1	1	7
Hackney-road *H*	29822	22	13	5	1	-	-	1	-	1	1	-	-	-	-	-	-
Green, Bethnal Green *WHL*†	42433	55	25	3	4	1	-	-	-	3	-	-	-	1	-	-	8
Church, Bethnal Green	26577	24	7	1	1	-	-	-	-	1	-	-	-	-	-	-	-
Town, Bethnal Green	21272	16	9	3	-	-	-	-	-	-	-	-	-	-	1	1	-
Spitalfields *H*	22499	14	4	1	1	-	-	-	-	1	-	-	-	-	-	-	-
Mile End New Town *W*	15550	15	6	2	1	-	-	-	-	-	-	-	-	-	1	1	-
Whitechapel North	11597	2	7	1	-	-	-	2	-	-	-	-	-	-	-	-	-
Whitechapel Church *H*	7322	6	12	1	2	-	-	-	-	-	-	1	-	-	3	3	10
Goodman's Fields	10381	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aldgate	9224	5	4	2	-	-	-	-	-	-	-	1	-	-	-	-	-
St. Mary St. George East	17900	12	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul St. George East	21350	8	5	1	-	-	1	-	-	-	-	-	-	-	-	-	-
St. John St. George East *W*	8802	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Shadwell *H*	11640	6	10	2	-	-	1	-	-	1	-	-	-	1	-	-	5
Ratcliff	16131	16	3	1	-	-	-	-	-	1	-	-	-	-	-	-	-
Limehouse	29919	27	16	1	5	1	2	-	-	1	1	-	-	-	-	-	-
Mile End Old Town Western	38128	36	14	4	2	1	-	1	-	4	-	-	-	-	-	-	-
Mile End Old Town Eastern *WwwH*	55024	64	32	7	10	1	1	-	-	2	-	-	-	-	-	-	8
Bow *wwwH*	67765	79	50	12	7	-	3	2	-	3	-	-	-	-	2	3	11
Poplar *WW*	48611	53	16	4	3	-	2	-	-	-	-	-	-	-	-	-	1
SOUTH DISTRICTS.																	
Christchurch Southwark *WH*	14573	10	6	3	2	-	-	-	-	-	-	-	-	-	-	-	1
St. Saviour Southwark *H*	15677	12	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Kent-road	20421	16	8	4	1	-	-	-	-	3	-	-	-	-	-	1	-
Borough-road *WH*	16695	12	13	3	3	1	1	-	1	2	-	-	-	-	-	-	3
London-road *HL*	18961	9	9	5	-	-	-	-	-	-	-	-	-	-	-	1	1
Trinity Newington	23682	23	6	1	2	-	1	-	-	-	-	-	-	-	-	-	-
St. Peter Walworth *W*	48248	56	31	7	6	1	1	-	-	3	-	-	-	-	-	-	7
St. Mary Newington	16792	16	6	1	1	-	-	-	-	-	-	-	1	-	-	-	-
St. Olave Southwark *H*	4373	4	9	1	-	-	-	-	-	-	-	-	-	-	-	-	7
St. John Horsleydown *W*	10500	5	5	2	1	-	-	-	-	1	-	-	-	-	-	-	-
Leather Market	16787	11	7	3	1	-	-	-	-	-	-	-	-	-	1	1	-
St. Mary Magdalen *W*	15709	14	10	2	3	-	-	1	-	2	-	-	-	-	-	1	3
St. James Bermondsey	47933	52	22	4	4	-	-	-	-	6	-	-	-	-	1	3	-
Rotherhithe *W*	27096	34	9	3	2	-	-	1	-	-	-	-	-	-	1	1	1
Waterloo-road 1st *H*	14074	12	7	-	1	-	-	-	-	1	-	-	1	-	-	-	1
Waterloo-road 2nd *H*	18465	15	9	2	1	-	-	-	-	1	-	-	-	-	-	1	-
Lambeth Church 1st *H*	19492	16	9	-	1	-	-	-	-	-	-	-	-	-	2	2	7
Lambeth Church 2nd *WW*	35833	26	19	3	8	-	-	-	-	3	-	-	-	1	-	1	9
Kennington 1st	41286	27	21	8	3	-	1	-	-	-	-	1	-	-	-	-	-
Kennington 2nd	31221	25	14	5	3	1	-	-	-	2	-	-	-	-	-	1	-
Brixton *w*	35435	39	30	5	1	6	1	2	1	4	1	-	-	-	-	-	8
Norwood *W*	12536	16	2	1	-	-	-	-	-	-	-	1	-	-	-	-	-
Clapham *H*	27347	19	14	6	3	-	-	-	-	1	1	1	-	-	-	-	-
Battersea *Ww*	54016	75	37	12	3	-	1	2	-	2	-	3	-	-	-	-	3
Wandsworth *HL*	19783	12	5	2	1	-	-	-	-	-	-	-	-	-	-	1	-
Putney	9439	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Streatham	14475	6	3	-	2	1	-	-	-	-	-	-	-	-	-	-	-
Dulwich	4041	1	4	-	3	-	-	-	-	-	-	-	-	-	-	-	-
Camberwell *WL*†*L*†	31254	23	25	8	8	-	-		-	-	-	-	-	-	-	-	9
Peckham *W*	42160	46	23	6	2	-	5	-	-	2	1	-	-	-	-	-	-
St. George Camberwell	33851	37	13	-	4	-	-	-	-	3	-	-	-	-	-	-	-
St. Paul Deptford *w*	53714	52	24	5	3	-	1	-	-	3	-	2	-	-	1	2	-
St. Nicholas Deptford	6474	3	5	2	1	-	-	-	-	1	-	-	-	-	-	-	-
Greenwich West	21034	20	6	1	-	-	2	1	-	-	-	-	-	-	1	1	-
Greenwich East *WH*	19378	17	17	2	7	-	-	-	-	-	-	-	-	-	2	1	10
Eltham *H*	4539	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lee	16440	6	7	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Lewisham Village *WH*	11513	21	9	1	3	-	1	2	-	-	-	-	-	-	-	-	3
Sydenham *H*	19065	25	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Charlton *H*	9564	3	3	-	1	1	-	-	-	-	-	-	-	-	-	-	1
Woolwich Dockyard	17226	10	8	2	1	-	-	-	-	-	1	-	-	-	1	2	-
Woolwich Arsenal *WHH*	18331	12	14	7	1	-	2	-	-	2	-	-	-	-	2	2	-
Plumstead, West	13027	7	7	2	2	-	1	-	-	1	-	-	-	-	-	-	-
Plumstead, East *W*	15232	17	16	3	6	-	1	-	-	-	-	-	-	-	-	1	4

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the above Table by *w*:—

Central London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary " " "
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.
London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

* The two sub-districts of Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston sub-district.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during th
Week ending Saturday, 9th March 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public
	LONDON—OUTER RING	368,414	631,381	565	272	58	56	8	5	8	4	6	5	5	7	9	3
29 : 1	Carshalton *wL* - - -	12228	13523	13	6	-	3	-	-	-	-	-	-	-	-	-	
2	Epsom (*part of*) * *WH* -	9971	9145	4	1	-	-	-	-	-	-	-	-	-	-	-	
36 : 1	Godstone (*part of*) * - -	2754	900	2	-	-	-	-	-	-	-	-	-	-	-	-	
37 : 1	Croydon *WWH* - - -	20851	71319	63	27	4	9	-	2	-	-	-	-	-	-	1	
2	Mitcham *WH* - - -	11697	12534	7	3	1	2	-	-	-	-	-	-	-	-	-	
38 : 1	Wimbledon *HH* - -	3220	9087	9	3	-	2	-	-	1	-	-	-	-	-	-	
2	Kingston *WH* - - -	8549	27489	22	13	4	2	-	-	-	-	2	-	-	1	1	
3	Esher (*part of*) * - -	6601	7353	2	3	1	1	-	-	-	-	-	-	1	-	-	
4	Hampton - - - -	4573	10185	6	4	1	-	-	-	-	-	-	-	-	-	-	
39 : 1	Richmond *WH* - - -	2271	16829	6	11	4	1	-	-	-	-	-	-	1	1	1	
2	Mortlake - - - -	2961	9316	9	2	-	-	-	-	-	-	-	-	-	-	-	
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	21	5	2	1	-	-	-	-	-	-	-	2	2	
2	Chislehurst (*part of*) * *W* -	13665	10028	9	4	-	-	-	-	-	-	-	-	-	-	-	
41 : 1	Bexley *H* - - - -	13439	19566	13	8	2	1	-	1	-	-	-	-	-	-	-	
123 : 1	Sunbury *W* - - -	11055	9860	6	2	1	-	-	-	-	-	-	1	-	-	-	
2	Staines *W* - - - -	13277	10339	6	2	2	-	-	-	-	-	-	-	-	-	-	
124 : 1	Hillingdon *WH* - - -	6029	9712	5	1	1	-	-	-	-	-	-	-	-	-	-	
2	Uxbridge - - - -	6178	5329	5	2	-	2	-	-	-	-	-	-	-	-	-	
3	Hayes *WL* - - - -	14587	10497	9	8	-	1	-	-	-	1	-	-	-	1	1	
125 : 1	Isleworth *W* - - -	7008	19930	10	9	3	3	-	-	-	-	-	-	-	-	1	
2	Twickenham - - -	2477	10533	6	1	-	-	-	-	-	-	-	1	-	-	-	
3	Brentford *HL* - - -	4370	20279	24	6	2	1	-	-	-	-	1	-	1	-	-	
4	Chiswick - - - -	1311	8508	2	5	1	-	-	-	-	-	1	-	1	-	-	
5	Acton *WH* - - - -	6087	12683	12	7	2	1	-	-	-	-	-	-	1	-	-	
126 : 1	Harrow *H* - - - -	13809	10869	7	-	-	-	-	-	-	-	-	-	-	-	-	
2	Edgware *H* - - -	6994	3450	2	3	-	-	-	-	-	-	-	-	-	-	-	
3	Willesden - - - -	4383	15869	18	8	1	1	-	-	-	-	-	-	-	-	1	
4	Hendon *WH* - - -	8382	6972	3	1	1	-	-	-	-	-	-	-	-	-	-	
127 : 1	South Mimms - - -	15419	5924	1	2	-	-	-	-	-	-	-	-	-	1	1	
2	Barnet *W* - - - -	5423	7752	6	4	1	-	-	-	-	-	-	-	-	-	-	
3	Finchley *L* - - - -	4688	11493	5	2	-	-	-	-	-	-	-	-	-	-	-	
128 : 1	Hornsey *H* - - - -	3039	19357	21	8	1	3	-	-	-	-	-	-	-	-	-	
2	Tottenham *H* - - -	4642	22869	29	7	1	-	-	-	-	2	-	-	-	-	-	
3	Edmonton *WW* - - -	7483	13860	14	13	1	6	1	1	-	-	-	-	-	-	-	
4	Enfield *WH* - - -	12653	16054	10	9	-	1	-	-	3	-	-	1	-	-	-	
5	Waltham Abbey - - -	11017	5197	3	-	-	-	-	-	-	-	-	-	-	-	-	
6	Cheshunt - - - -	8493	7518	5	-	-	-	-	-	-	-	-	-	-	-	-	
134 : 1	Hatfield (*part of*) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	
136 : 1	Bushey - - - -	9028	6472	2	2	-	2	-	-	-	-	-	-	-	-	-	
185 : 1	Stratford - - - -	882	23286	21	10	1	-	2	-	2	-	-	-	-	-	-	
2	West Ham *WWWW* - -	7345	44642	71	30	14	2	4	1	2	-	1	2	-	-	-	
3	Leyton *WW* - - -	4274	15513	25	22	2	6	1	-	-	1	1	-	-	-	-	
4	Walthamstow *H* - -	6619	15701	19	8	3	2	-	-	-	-	-	-	-	-	-	
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	11	4	1	2	-	-	-	-	-	-	-	1	-	
188 : 1	Romford (*part of*) * - -	6730	2879	2	1	-	-	-	-	-	-	-	-	-	-	-	
2	Ilford - - - - -	8492	5947	10	3	-	1	-	-	-	-	-	-	-	-	-	
3	Barking Town - - -	4128	6576	9	2	-	-	-	-	-	-	-	-	-	-	-	

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follov
29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Gods
sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except
two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 9
134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoydon-
(pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 9th March, 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	
EATER LONDON	446,494	4,450,015	21·7	3·5	1852	428	364	42	51	43	11	108	33	12	58	327
INNER LONDON -	78,080	3,577,304	23·1	3·8	1580	370	308	34	46	35	7	102	28	7	51	294
OUTER RING -	368,414	872,711	16·3	2·5	272	58	56	8	5	8	4	6	5	5	7	33

OTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal 97·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area 68,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres hich 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than iles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,760,953 Persons.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	February	2	–	290	35·2	Enteric and simple fevs. 78; cholera 15; sm.-px. 13.
BOMBAY - -	644,405	"	5	–	568	45·8	Remittent fever 196; measles 32; cholera 38.
MADRAS - -	397,552	January	11	288	640	83·7	Small-pox 27; fevers 175; dysentery 171.
PARIS - -	1,988,806	March	7	–	1076	28·1	Typhoid fever 12; croup 29; diphtheria 38.
GENEVA - -	68,792	"	2	34	38	28·8	—
BRUSSELS - -	175,782	"	2	115	95	28·2	Measles 4.
AMSTERDAM -	302,266	"	2	239	152	26·1	Croup 7.
ROTTERDAM -	142,585	"	2	121	87	31·7	Scarlet fever 3.
THE HAGUE -	107,896	"	2	95	59	28·4	Puerperal fever 6.
COPENHAGEN -	220,000	February	26	166	101	24·0	Dysentery 4.
STOCKHOLM -	146,845	"	23	–	75	26·3	Scarlet fever 4.
CHRISTIANIA -	105,000	March	2	64	42	20·8	—
ST. PETERSBURGH	669,741	February	23	–	793	61·6	Typhus and typhoid fev. 155; small-pox 11.
BERLIN - -	1,019,620	"	16	878	548	27·9	Scarlet fever 11; diphtheria 28.
HAMBURG (State)	406,104	"	23	314	201	25·8	Whooping-cough 7; typhus and typhoid fev. 4.
DRESDEN - -	207,845	"	23	144	103	25·8	Scarlet fever 5.
BRESLAU - -	267,000	March	2	179	154	30·0	—
MUNICH - -	222,000	"	2	216	183	43·0	Diphtheria and croup 7; typhus & typhd. fev. 3.
VIENNA - -	727,271	"	2	532	477	34·1	Small-pox 11; diphtheria 33.
BUDA-PESTH -	319,530	February	23	278	256	41·7	Scarlet fev. 5; diphth. 7; typhus & typhd. fev. 12.
ROME - -	282,214	January	26	177	229	42·3	Diphtheria and croup 5.
NAPLES - -	457,407	February	4	–	394	44·9	Croup 8.
TURIN - -	227,843	"	23	130	161	36·9	Typhus and typhd. fev. 4; whooping-cough 7.
VENICE - -	139,796	March	2				—
ALEXANDRIA -	212,034	February	28	186	178	43·8	Whooping-cough 6.
NEW YORK -	1,084,528	"	9	–	471	22·5	Scarlet fever 16; diphtheria 20; croup 14.
BROOKLYN -	549,438	"	9	–	194	18·4	Scarlet fever 13; diphtheria 16.
PHILADELPHIA -	876,118	"	16	–	329	19·6	Scarlet fever 10; typhoid fever 8; diphtheria 8.
BOSTON - -	363,000	"	9	–	109	15·6	Diphtheria 12.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 9th MARCH, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Difference. Between Dew Point Temperature and Air Temperature. Greatest.	Difference. Between Dew Point Temperature and Air Temperature. Least.	Difference. Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. Osler's. General Direction. P.M	Wind. Osler's. Pressure on square foot. Greatest.	Wind. Osler's. Pressure on square foot. Least.	Wind. Osler's. Pressure on square foot. Mean of 24 Obs.	Wind. Robinson's. Amount of Horizontal Movement of Air each day.	Wind. Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
MARCH.																											
SUN. .	3	..	30·259	57·3	39·0	18·3	47·3	39·9	96·2	33·4	50·1	48·1	7·4	14·4	2·5	+ 6·8	75	W. & WSW.	WSW. & SW.	0·6	0·0	0·1	233	— 91	0·00	0·5
MON. .	4	New. Apogee.	30·327	56·9	41·1	15·8	47·8	41·7	100·9	36·0	49·9	47·9	6·1	12·0	0·7	+ 7·3	79	WSW.	SW. & WSW.	5·5	0·0	0·5	353	+ 29	0·00	3·5
TUES. .	5	In Equator	30·316	53·0	42·6	10·4	46·6	36·3	97·7	36·9	50·7	48·3	10·3	16·2	7·0	+ 6·1	67	WSW. NW. WNW. & W.	WSW. & SW.	5·5	0·0	1·1	438	+103	0·00	1·7
WED. .	6	..	29·813	55·2	45·8	9·4	50·6	42·4	67·0	41·6	50·3	48·1	8·2	12·4	2·0	+10·1	73	WSW.	WSW. WNW. & NW.	21·8	0·2	3·0	692	+340	0·00	5·3
THURS.	7	..	29·820	56·1	46·7	9·4	50·1	42·5	73·7	43·8	50·7	47·9	7·6	9·3	6·9	+ 9·6	75	NW. & W.	WSW. WNW. & W.	8·3	0·0	1·8	546	+186	0·00	0·5
FRI. .	8	..	29·890	49·1	40·0	9·1	44·4	32·1	93·0	35·7	50·7	48·1	12·3	16·0	7·0	+ 3·9	62	NNW. & NW.	NW.	17·5	0·1	2·9	614	+255	0·00	2·2
SAT. .	9	..	30·011	43·8	34·0	9·8	39·1	30·1	76·7	28·7	49·3	47·1	9·0	14·5	4·9	— 1·4	71	N. & NE.	SW. WSW. & SSW.	2·1	0·0	0·1	178	—176	0·00	3·3
MEANS .		..	30·062	53·1	41·3	11·7	46·6	37·9	86·5	36·6	50·2	47·9	8·7	13·5	4·4	+ 6·1	72	SW. & NW.		..	..	..	Sum 3054	Sum +646	Sum 0·00	2·4
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. March.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY .	3	The electrical apparatus was not in action throughout the week.	6·7	11·0	A fine day. The amount of cloud was generally small.
MONDAY .	4		4·1	11·1	Fine; partially cloudy.
TUESDAY .	5		5·0	11·1	Fine; partially cloudy.
WEDNESDAY	6		0·0	11·2	Overcast. Strong wind.
THURSDAY .	7		0·3	11·2	Generally overcast.
FRIDAY .	8		1·9	11·3	Generally cloudy. Strong wind.
SATURDAY .	9		1·4	11·4	Fine. A few breaks in morning; generally cloudy afterwards.
..		..	Sum 19·4	Sum 78·3	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and — "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The reading of the barometer increased from 30·03 in. at the beginning of the week to 30·39 in. by 9h. A.M. on the 4th; decreased to 30·26 in. by 9h. P.M. on the same day; increased to 30·37 in. by noon on the 5th; decreased to 29·72 in. by 3h. P.M. on the 6th; increased to 29·92 in. by 9h. A.M. on the 7th; decreased to 29·61 in. by 9h. P.M. on the same day; increased to 30·07 in. by 9h. A.M. on the 9th; and was 29·91 in. by the

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 11. 1878. Vol. XXXIX.] Week ending Saturday, March 16. [Price 1½*d.*

General Register Office, Somerset House,
March 18th, 1878.

United Kingdom.

During last week 6221 *births* and 3641 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The natural increase of population was 2580. The mortality from all causes was at the average rate of 23 deaths annually in every 1000 persons living. The annual death-rate was 22 per 1000 in Edinburgh, 24 in Glasgow, and 31 in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Portsmouth 17, Hull 18, Leeds 18, Nottingham 18, Leicester 18, Norwich 19, Salford 19, Bristol 20, Wolverhampton 21, Bradford 22, Brighton 22, London 22, Birmingham 23, Sheffield 23, Newcastle-upon-Tyne 23, Sunderland 25, Liverpool 25, Manchester 27, Oldham 27, and again the highest rate during the week 35 in Plymouth. The annual death-rate from the seven principal zymotic diseases averaged 3·3 per 1000 in the twenty towns, and ranged from 0·7 and 1·0 in Hull and Leeds, to 5·8 and 14·2 in Oldham and Plymouth. Whooping-cough caused 12 more deaths in Plymouth. During the past eleven weeks of the current quarter, 466 fatal cases of small-pox have been registered in London, whereas in the nineteen provincial towns, with an aggregate population slightly exceeding that of London, only 3 deaths from this disease were recorded in the same period.

London.

In London 2552 births and 1526 deaths were registered. Allowing for increase of population, the births were 42, and the deaths 146 below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the four preceding weeks had decreased from 28·1 to 23·1 per 1000, further declined last week to 22·3.

The 1526 deaths included 53 from small-pox, 32 from measles, 28 from scarlet fever, 6 from diphtheria, 84 from whooping-cough, 27 from different forms of fever, and 13 from diarrhœa; thus to the seven principal diseases of the zymotic class 243 deaths were referred, against 288 and 259 in the two preceding weeks. The fatal cases of whooping-cough, which had been 112 and 102 in the two previous weeks, further declined last week to 84, including 24 in the East and 30 in the South groups of districts; 9 occurred in Islington, 7 in Shoreditch, 5 in Bow, 5 in Walworth, and 10 in Bermondsey. The 32 deaths from measles, of which 4 occurred in Greenwich, showed a considerable decline from the numbers in recent weeks. Five fatal cases of scarlet fever were returned in Islington. Diphtheria caused two deaths in Marylebone. The deaths referred to fever, which had been 27 and 28 in the two previous weeks, were 27 last week, and were 8 below the corrected average number in the corresponding week of the last ten years; 9 were fatal cases of typhus, 16 of enteric or typhoid, and 2 of simple continued fever. The 9 deceased typhus patients had resided at:—1, Bentley Terrace, Islington; 103, Cassland Road, South Hackney; 17, Crescent Place, Bethnal Green; 40, Ford Road, Bow; 2, Arnold's Place, Bermondsey; 2, Drewitt Street, Bermondsey (recorded in the London Fever Hospital); 9, Richardson Street, Bermondsey (recorded in the Stockwell Fever Hospital); 19, Stockwell Street, Peckham; and 30, Avenue Road, Camberwell. Enteric fever caused 3 deaths in Islington and 2 in Hammersmith.

The deaths from small-pox, which had been 54 and 34 in the two preceding weeks, rose again to 53 last week, of which 26 were recorded in the Metropolitan Asylum Hospitals, and one in the Highgate Small-pox Hospital, while 26 occurred in private dwelling-houses. Five of the deceased small-pox patients had resided in Fulham, 4 in Islington, 4 in Bethnal Green, 5 in Whitechapel, 4 in Mile End Old Town, 4 in Bow and Poplar, 4 in Lambeth, and 4 in Camberwell. All the 4 fatal

cases in Islington and the 5 in Whitechapel, occurred in private dwelling-houses; of the latter, 4 occurred in Spring Gardens, and one in Underwood Street, both in Mile End New Town, all the 5 cases being of children under six years of age. Of the 53 fatal cases of small-pox, 22 were certified as unvaccinated and 12 as vaccinated, while in the remaining 19 cases the medical certificates did not give any information as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which during the first 10 weeks of the current quarter, steadily increased from 374 to 667, declined last week to 638; the number of new cases admitted during the week further declined to 119, from 173, 162, and 153 in the three previous weeks. The Highgate Small-pox Hospital contained 59 patients on Saturday last, against 59 and 61 on the two preceding Saturdays.

Six fatal cases of puerperal fever were registered last week, of which 3 occurred in North London, including two in South Hackney certified by the same medical practitioner; during the past eleven weeks, of 175 deaths from all causes registered in South Hackney sub-district no less than 45, or 26 per cent., have been referred to the seven principal zymotic diseases.

The deaths referred to diseases of the respiratory organs, which had declined from 544 to 362 in the four preceding weeks, further declined to 340 last week (including 222 from bronchitis and 82 from pneumonia), and were 78 below the corrected weekly average.

The daughter of a shipwright aged 4 years died on 10th instant at 109, Sutton Street, St. George-in-the-East, from "bite of a dog, 28 days, hydrophobia 3 days."

Different forms of violence caused 35 deaths; 32 were the result of negligence or accident, including 15 from fractures and contusions, 4 from burns and scalds, 4 from drowning, and 8 of infants under one year of age from suffocation. The 15 deaths from fractures and contusions were thus caused:—female aged 48, run over by a dray; male 25, and male 11, run over by vans; male 26, run over on Midland Railway; female 47, and male 40 (intoxicated), fell down stairs; male 56, and male 16, fell from ladders; male 17, fell from ship's rigging; male 1, fell from a chair; male 61, by fall of a house; male 40, by fall of stone; male 35, by fall of a bucket of coal; male 39, by dislocation of neck on board ship; and male 8, by apoplexy following a fall. An inquest was held in each of these cases, except the last, which was certified by a registered medical practitioner.

Greater London.

In Greater London 3066 births and 1805 deaths were registered, equal to annual rates of 36·0 and 21·2 per 1000 of the population. In the Outer Ring small-pox caused 2 deaths in West Ham, and one in Brentford. Two fatal cases of diphtheria were recorded in Croydon.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 30, Madras 88; Paris 25; Geneva 30; Brussels 30; Amsterdam 24, Rotterdam 40, The Hague 27; Copenhagen 23; Stockholm 26; Christiania 23; St. Petersburgh 60; Berlin 26, Hamburg 30, Dresden 24, Breslau 30, Munich 45; Vienna 33, Buda-Pesth 44; Rome 48, Turin 35, Venice 29; Alexandria 40; New York 25, Brooklyn 18, Philadelphia 17, and Boston 19. Typhus and typhoid fevers caused 164 of the 767 deaths in St. Petersburgh.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30·18 in., the lowest reading was 29·80 in. on Sunday morning, and the highest 30·48 in. on Saturday at noon. The mean temperature of the *air* was 40°·5, and 0°·5 below the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed an excess on the first three, and a deficiency on the last four, days of the week; on Monday the mean was 46°·0, and 5°·3 above the average, whereas on Saturday it fell to 35°·0, and was in defect by 6°·5. The lowest night temperature was 27°·8 on Saturday, and the highest day temperature in the shade 51°·9 on Monday; the extreme range in the week was, therefore, 24°·1. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 102°·9 on Tuesday. The difference between the mean *dew-point* and *air* temperature averaged 7°·7. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police ship, was 47°·0. The mean degree of *humidity* of the air was 74, complete saturation being represented by 100; the air was, therefore, dry. The direction of the *wind* was variable, and the horizontal movement of the air averaged 12·0 miles per hour, which was 0·8 below the average in the corresponding week of 16 years. *Rain* fell on two days of the week, to the aggregate amount of 0·09 of an inch. The duration of registered sunshine in the week was 19·1 hours, the sun being above the horizon during 81·4 hours; the recorded duration of sunshine was, therefore, equal to 23·5 per cent. of its possible duration.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 16th March, 1878.

CITIES AND BOROUGHS. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 16th March 1878.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
In 23 TOWNS in the UNITED KINGDOM	220,845	8,373,953	37·9	6221	3641	56·0	24·6	41·1	5·06	0·10	0·25
LONDON	75,362	3,577,304	47·5	2552	1526	51·9	27·8	40·5	4·72	0·09	0·23
BRIGHTON	2,354	103,923	44·1	65	44	52·3	28·0	39·8	4·34	0·05	0·13
PORTSMOUTH	4,486	129,461	28·9	73	41	53·6	31·0	42·3	5·73	0·02	0·05
NORWICH	7,472	84,620	11·3	63	30	51·8	33·0	40·4	4·66	0·17	0·43
PLYMOUTH	1,395	73,599	52·8	44	50	55·5	30·0	44·8	7·12	0·18	0·46
BRISTOL	4,452	206,419	46·4	151	79	53·7	26·6	42·3	5·73	0·00	0·00
WOLVERHAMPTON	3,396	74,240	21·9	55	30	50·3	26·7	39·2	4·00	0·11	0·28
BIRMINGHAM	8,400	383,117	45·6	329	167	–	–	–	–	–	–
LEICESTER	3,200	121,473	38·0	81	43	53·8	29·8	40·9	4·94	0·12	0·30
NOTTINGHAM	9,960	165,267	16·6	105	58	52·8	31·3	41·1	5·06	0·07	0·18
LIVERPOOL	5,210	532,681	102·2	462	256	50·1	34·2	41·3	5·17	0·17	0·43
MANCHESTER	4,293	360,514	84·0	289	184	–	–	–	–	–	–
SALFORD	5,170	170,251	32·9	162	61	54·8	25·5	39·8	4·34	0·12	0·30
OLDHAM	4,666	107,366	23·0	87	56	–	–	–	–	–	–
BRADFORD	7,220	185,088	25·6	127	78	51·7	31·2	39·9	4·39	0·09	0·23
LEEDS	21,572	304,948	14·1	217	106	52·0	31·0	41·7	5·39	0·12	0·30
SHEFFIELD	19,651	289,537	14·7	226	126	52·0	30·5	40·2	4·55	0·03	0·08
HULL	3,635	143,139	39·4	106	49	53·0	30·0	40·4	4·66	0·11	0·28
SUNDERLAND	3,306	112,459	34·0	107	53	56·0	35·0	42·8	6·00	0·11	0·28
NEWCASTLE-ON-TYNE	5,371	144,570	26·9	101	65	–	–	–	–	–	.
EDINBURGH	4,191	222,371	53·1	159	92	50·2	29·7	39·7	4·28	0·14	0·36
GLASGOW	6,033	566,940	94·0	423	260	49·7	30·2	41·2	5·11	0·06	0·15
DUBLIN	10,050	314,666	31·3	237	187	54·0	24·6	43·0	6·11	0·16	0·41

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.
† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday, the 16th March, 1878.

BOROUGHS, &c. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
				Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.		
In 20 TOWNS	22·3	3·3	3102	767	584	53	62	90	11	151	50	44	87	161	470
LONDON	22·3	3·5	1526	352	318	53	32	28	6	84	27	13	35	72	294
BRIGHTON	22·1	1·5	44	9	14	–	–	–	–	2	–	1	2	2	4
PORTSMOUTH	16·5	2·4	41	6	7	–	1	–	–	3	1	1	1	3	3
NORWICH	18·5	4·3	30	6	6	–	–	–	–	5	1	1	2	2	2
PLYMOUTH	35·4	14·2	50	13	6	–	2	2	1	12	–	3	–	–	–
BRISTOL	20·0	1·5	79	25	20	–	1	1	–	1	2	1	2	6	9
WOLVERHAMPTON	21·1	2·8	30	4	3	–	–	2	–	2	–	–	2	3	9
BIRMINGHAM	22·7	2·6	167	44	27	–	2	8	–	5	1	3	7	12	16
LEICESTER	18·5	1·3	43	15	10	–	–	–	–	2	–	1	3	4	8
NOTTINGHAM	18·3	1·6	58	22	9	–	–	1	–	2	–	2	1	3	4
LIVERPOOL	25·1	3·3	256	59	30	–	11	9	1	7	3	3	10	10	37
MANCHESTER	26·6	3·8	184	45	30	–	3	6	2	9	4	2	7	13	36
SALFORD	18·7	2·5	61	20	10	–	–	1	–	4	1	2	2	3	7
OLDHAM	27·2	5·8	56	12	11	–	6	1	–	4	–	1	–	3	6
BRADFORD	22·0	2·8	78	24	15	–	1	4	–	2	–	3	2	4	7
LEEDS	18·1	1·0	106	33	21	–	–	1	–	2	1	2	4	9	7
SHEFFIELD	22·7	5·2	126	37	14	–	1	17	1	1	8	1	–	–	8
HULL	17·9	0·7	49	11	11	–	1	–	–	–	1	–	2	4	3
SUNDERLAND	24·6	5·1	53	18	9	–	1	6	–	2	–	2	3	4	3
NEWCASTLE-ON-TYNE	23·5	2·5	65	12	13	–	–	3	–	2	–	2	2	4	7
DUBLIN	31·0	5·3	187	33	35	7	2	2	1	7	9	4	3	5	63

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the ELEVENTH Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2288	2166	2308	2297	2443	2509	2608	2518	2523	2587	2424·7	2552
Males . .	1172	1116	1150	1150	1214	1300	1310	1282	1279	1317	1229·0	1292
Females .	1116	1050	1158	1147	1229	1209	1298	1236	1244	1270	1195·7	1260
TOTAL **Deaths**	1309	1549	1532	1576	1475	1499	1611	1728	1546	1800	1562·5	1526
Males . .	665	777	775	835	764	799	844	920	768	919	806·6	792
Females .	644	772	757	741	711	700	767	808	778	881	755·9	734

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Dec. 22.	Dec. 29.	Jan. 5.	Jan. 12.	Jan. 19.	Jan. 26.	Feb. 2.	Feb. 9.	Feb. 16.	Feb. 23.	Mar. 2.	Mar. 9.	Mar. 16.
TOTAL **Deaths** - - -	1761	1757	1892	1760	1903	1864	1703	1813	1927	1756	1637	1580	1526
0—20 - -	944	868	911	867	918	899	788	855	896	839	823	807	767
20—40 - -	205	217	244	230	240	203	248	245	246	212	202	216	196
40—60 - -	273	274	317	288	298	335	276	305	331	263	254	249	245
60—80 - -	282	331	345	309	373	359	320	326	376	358	297	260	257
at 80 years & upwds.	57	67	75	66	74	68	71	82	78	84	61	48	61
Deaths of children: Under 1 year -	417	398	436	380	416	409	318	393	412	397	381	370	352
Deaths of children: 1—5 - -	400	367	378	363	397	365	342	344	340	326	333	331	301
Deaths of children: 5—20 - -	127	103	97	124	105	125	128	118	144	116	109	106	114
Deaths from 7 principal Zymotic Diseases	301	311	292	299	291	304	266	306	295	257	288	259	243
" " Small-pox -	31	29	26	35	51	34	38	55	47	39	54	34	53
" " Measles - -	102	109	104	97	77	63	56	40	43	40	41	46	32
" " Scarlet fever -	46	31	31	39	35	39	43	37	32	34	35	35	28
" " Diphtheria -	3	12	5	9	5	6	9	10	5	9	8	7	6
" " Whooping-cough	64	82	89	69	94	117	89	114	124	100	112	102	84
" " Typhus fever -	6	7	1	7	4	3	5	3	2	5	5	6	9
" " Enteric (or Typhoid) fever -	27	23	23	19	15	23	12	21	24	16	18	17	16
" " Simple Contd fever	8	6	4	7	2	6	3	4	4	3	4	5	2
" " Diarrhœa - -	14	12	9	17	8	13	11	22	14	11	11	7	13
" " Simple Cholera -	–	–	1	–	–	–	1	–	–	–	–	–	–
" " Dis. of Respiratory Organs -	487	467	535	464	541	455	448	502	544	475	413	362	340
" " Phthisis - -	170	158	167	177	168	174	167	166	199	168	156	162	174
" " Heart Diseases -	91	94	99	100	103	121	111	95	112	108	94	75	86
Violent Deaths - - -	44	50	67	65	71	56	53	48	61	60	48	51	35
Inquest Cases - - -	88	94	136	134	137	97	95	96	127	115	106	96	72
Deaths in Public Institutions	310	306	301	302	358	336	324	332	387	353	290	293	294
TEMPERATURE OF THE AIR: Mean - - - -	41°·8	37°·8	43°·9	36°·9	42°·9	42°·3	36°·2	35°·1	42°·6	46°·5	48°·7	46°·6	40°·5
Mean of Highest readings -	45·4	43·2	47·1	41·1	47·9	46·7	40·8	38·5	48·0	52·7	53·4	53·1	48·3
Mean of Lowest readings -	38·1	32·1	39·7	32·5	36·8	37·5	31·0	31·9	36·4	41·5	44·4	41·3	33·7
Mean Temperature of the Water of the Thames -	40·9	40·7	40·6	41·9	39·8	43·0	39·8	38·1	39·6	45·1	47·0	49·1	47·0
Humidity of the Air - -	91	79	91	82	83	80	87	92	91	83	81	72	74
Rain-fall in inches - -	0·03	0·55	0·48	0·02	0·02	0·11	0·42	0·05	0·80	0·03	0·34	0·00	0·09
Registered Sunshine (in hours)	1·5	12·2	3·5	8·1	6·5	11·6	11·8	3·8	8·2	15·8	4·2	19·4	19·1

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the ELEVENTH Week of the Year 1878.

CAUSES OF DEATH.	Average in the Eleventh Weeks of the 10 years 1868–77.*	In the Week ending Saturday, March 16, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
Mean Temperature	41°·2	40°·5							
ALL CAUSES	1562·5	1526	352	301	114	196	245	257	61
SPECIFIED CAUSES	1557·6	1524	352	301	114	196	245	256	60
I. ZYMOTIC.									
ORDER 1.									
1. Small-pox	35·4	53	9	9	16	15	4	–	–
2. Measles	32·9	32	6	22	3	1	–	–	–
3. Scarlet Fever	28·7	28	1	18	9	–	–	–	–
4. Diphtheria	5·9	6	–	3	3	–	–	–	–
5. Quinsy	·5	–	–	–	–	–	–	–	–
6. Croup	12·9	13	2	11	–	–	–	–	–
7. Whooping-cough	65·2	84	32	47	5	–	–	–	–
8. Typhus	32·7 (Enteric or Typhoid Fev. — Simple continued Fev.)	9	–	3	1	3	1	1	–
— Enteric or Typhoid Fev.		16	1	1	6	5	2	1	–
— Simple continued Fev.		2	–	1	–	1	–	–	–
9. Erysipelas	8·4	6	4	–	–	–	1	–	1
10. Puerperal Fev. (Metria)	4·9	6	–	–	–	5	1	–	–
11. Carbuncle	·5	–	–	–	–	–	–	–	–
12. Influenza	·7	–	–	–	–	–	–	–	–
13. Dysentery	1·1	1	–	–	–	1	–	–	–
14. Diarrhœa	14·7	13	8	2	–	1	–	1	1
15. Simple Cholera	·3	–	–	–	–	–	–	–	–
16. Ague	·3	–	–	–	–	–	–	–	–
17. Remittent Fever	·1	1	–	–	–	1	–	–	–
18. Rheumatism	9·0	6	–	–	–	3	1	2	–
19. Other *Zymotic* Diseases	·7	1	1	–	–	–	–	–	–
ORDER 2.									
1. Syphilis	8·4	10	8	1	–	–	1	–	–
2. Stricture of Urethra	1·4	–	–	–	–	–	–	–	–
3. Hydrophobia	·1	1	–	1	–	–	–	–	–
4. Glanders	–	–	–	–	–	–	–	–	–
ORDER 3.									
1. Privation	·9	–	–	–	–	–	–	–	–
2. Want of Breast-milk	7·3	9	8	1	–	–	–	–	–
3. Purpura and Scurvy	2·9	5	–	2	2	–	–	1	–
4. Alcoholism { *a* Del. Tremens	·9	1	–	–	–	–	1	–	–
4. Alcoholism { *b* Intemperance	1·4	2	–	–	–	1	1	–	–
ORDER 4.									
1. Thrush	2·6	2	2	–	–	–	–	–	–
2. Worms, &c.	·2	–	–	–	–	–	–	–	–
II. CONSTITUTIONAL.									
ORDER 1.									
1. Gout	3·5	1	–	–	–	–	–	1	–
2. Dropsy	11·8	10	–	–	2	–	6	2	–
3. Cancer	31·5	35	–	–	–	4	18	13	–
4. Cancrum Oris (Noma)	·5	–	–	–	–	–	–	–	–
5. Mortification	3·1	4	–	–	–	–	–	4	–
ORDER 2.									
1. Scrofula	10·0	15	3	9	2	1	–	–	–
2. Tabes Mesenterica	21·4	20	8	10	2	–	–	–	–
3. Phthisis	183·8	174	4	4	14	93	54	5	–
4. Hydrocephalus	32·6	39	13	21	5	–	–	–	–
III. LOCAL.									
ORDER 1.									
1. Cephalitis	18·0	22	6	11	2	2	–	–	1
2. Apoplexy	40·0	46	4	–	3	3	14	17	5
3. Paralysis	34·6	37	–	–	–	2	11	23	1
4. Insanity	2·2	2	–	–	–	1	1	–	–
5. Chorea	·4	–	–	–	–	–	–	–	–
6. Epilepsy	7·0	10	2	–	–	5	1	2	–
7. Convulsions	56·2	51	42	9	–	–	–	–	–
8. *Brain Disease, &c.*	21·7	25	–	3	1	2	6	12	1
ORDER 2.									
1. Pericarditis	2·5	3	–	–	1	1	–	–	1
2. Aneurism	2·6	1	–	–	–	–	1	–	–
3. *Heart Disease, &c.*	76·3	82	1	–	8	5	31	33	4
ORDER 3.									
1. Laryngitis	15·0	8	3	4	–	–	–	1	–
2. Bronchitis	243·6	222	53	55	3	3	35	64	9
3. Pleurisy	5·8	1	–	–	1	–	–	–	–
4. Pneumonia	93·5	82	22	23	8	8	10	10	1
5. Asthma	14·1	7	–	–	–	2	3	2	–
6. *Lung Disease, &c.*	18·9	20	12	3	–	1	–	3	1

CAUSES OF DEATH.	Average in the Eleventh Weeks of the 10 years 1868–77.*	In the Week ending Saturday, March 16, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
Mean Temperature	41°·2	40°·5							
ORDER 4.									
1. Gastritis	1·3	–	–	–	–	–	–	–	–
2. Enteritis	5·2	5	2	2	–	–	–	–	1
3. Peritonitis	6·1	8	–	–	1	1	4	1	–
4. Ascites	1·8	1	–	–	–	–	1	–	–
5. Ulceration of Intestines	3·3	3	–	1	1	1	–	–	–
6. Hernia	4·1	4	–	–	–	–	1	3	–
7. Ileus	3·3	3	–	–	–	1	1	–	1
8. Intussusception	·9	1	–	–	–	1	–	–	–
9. Stricture of Intestines	1·3	–	–	–	–	–	–	–	–
10. Fistula	·3	1	–	–	–	–	–	1	–
11. *Stomach Disease, &c.*	6·7	7	2	–	–	–	1	4	–
12. *Pancreas Disease, &c.*	–	–	–	–	–	–	–	–	–
13. Hepatitis	3·1	3	–	–	–	–	3	–	–
14. Jaundice	4·9	5	3	–	–	–	1	1	–
15. *Liver Disease, &c.*	17·4	20	1	1	–	3	8	7	–
16. *Spleen Disease, &c.*	·2	–	–	–	–	–	–	–	–
ORDER 5.									
1. Nephritis	2·3	4	–	–	3	1	–	–	–
2. Ischuria	·2	–	–	–	–	–	–	–	–
3. Bright's Dis. (Nephria)	13·0	14	–	–	–	2	9	3	–
4. Diabetes	2·6	2	–	–	–	–	1	1	–
5. Calculus (Stone)	·6	2	–	1	–	–	–	1	–
6. Cystitis	1·2	1	–	–	–	–	1	–	–
7. *Kidney Disease, &c.*	9·3	9	–	–	–	3	1	4	1
ORDER 6.									
1. Ovarian Dropsy	·4	3	–	–	–	1	–	2	–
2. *Uterus Disease, &c.*	4·1	3	–	–	–	–	1	1	1
ORDER 7.									
1. Synovitis (Arthritis)	·2	–	–	–	–	–	–	–	–
2. *Joint Disease, &c.*	7·4	4	–	1	1	–	–	2	–
ORDER 8.									
1. Phlegmon	3·8	4	2	–	1	–	–	1	–
2. Ulcer	1·6	–	–	–	–	–	–	–	–
3. *Skin Disease, &c.*	1·2	2	1	1	–	–	–	–	–
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth	23·8	18	18	–	–	–	–	–	–
2. Cyanosis	4·6	–	–	–	–	–	–	–	–
3. Spina Bifida	1·2	2	2	–	–	–	–	–	–
4. Other Malformations	1·6	4	4	–	–	–	–	–	–
5. Teething	19·6	18	10	8	–	–	–	–	–
ORDER 2.									
1. Paramenia	·4	–	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever)	4·7	8	–	–	1	6	1	–	–
ORDER 3.									
1. Old Age	56·5	49	–	–	–	–	–	20	29
ORDER 4.									
1. Atrophy and Debility	61·0	57	42	8	1	1	–	5	–
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	15·5	15	1	1	3	4	5	1	–
2. Wounds { Gunshot	·9	–	–	–	–	–	–	–	–
2. Wounds { Cut, Stab		–	–	–	–	–	–	–	–
3. Burns and Scalds	4·4	4	1	3	–	–	–	–	–
4. Poison	1·0	1	–	–	1	–	–	–	–
5. Drowning	3·8	4	–	–	3	1	–	–	–
6. Suffocation	9·6	8	8	–	–	–	–	–	–
7. Otherwise	2·5	–	–	–	–	–	–	–	–
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	1·4	–	–	–	–	–	–	–	–
ORDER 4. (SUICIDE.)									
1. Wounds { Gunshot	·5	–	–	–	–	–	–	–	–
1. Wounds { Cut, Stab	·9	1	–	–	–	–	1	–	–
2. Poison	1·3	1	–	–	–	–	1	–	–
3. Drowning	1·0	1	–	–	1	–	–	–	–
4. Hanging	1·4	–	–	–	–	–	–	–	–
5. Otherwise	·6	–	–	–	–	–	–	–	–
ORDER 5. (EXECUTION.)									
1. Hanging	–	–	–	–	–	–	–	–	–
Sudden Deaths (Cause unascertained)	1·1	1	–	–	–	–	–	–	1
Causes not specified or ill-defined	3·8	1	–	–	–	–	–	1	–

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET
during the Week ending

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
LONDON	3,254,260	2552	1526	352	318	53	32	28	6	84	9	16	2	13	35	72	294
WEST DISTRICTS	561,359	363	247	56	57	7	1	4	2	12	-	3	-	2	6	17	44
NORTH DISTRICTS	751,729	597	373	69	90	21	5	9	2	16	3	9	1	4	7	13	74
CENTRAL DISTRICTS	334,369	196	125	25	32	-	6	2	-	2	-	-	-	2	4	6	35
EAST DISTRICTS	639,111	560	307	79	47	18	9	6	1	24	2	1	1	1	11	20	53
SOUTH DISTRICTS	967,692	836	474	123	92	12	11	7	1	30	4	3	-	4	7	16	88
WEST DISTRICTS.																	
St. Mary Paddington *WH*	58728	51	26	9	7	-	-	1	-	2	-	-	-	-	-	-	7
St. John Paddington *H*	38085	22	16	3	3	-	-	-	1	-	-	-	-	1	1	2	3
Kensington Town *W*	91645	55	43	9	11	-	-	1	1	2	-	-	-	-	1	1	6
Brompton *H*	28654	20	9	3	1	1	-	-	-	-	-	-	-	-	1	1	-
St. Peter Hammersmith	6662	8	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith *H*	36029	29	24	5	4	-	-	2	-	-	-	2	-	-	1	2	2
Fulham *WwH*	23350	24	25	7	3	6	-	-	-	2	-	1	-	1	-	-	9
Chelsea South *HHH*	26420	24	10	4	2	-	-	-	-	1	-	-	-	-	-	-	1
Chelsea North-west *WHHHH*	22926	10	12	-	2	-	-	-	-	1	-	-	-	-	-	1	3
Chelsea North-east	21392	9	7	2	1	-	-	-	-	-	-	-	-	-	-	1	-
Hanover Square *H*	18698	6	6	2	1	-	-	-	-	-	-	-	-	-	-	1	-
May Fair *WW*	13358	6	5	-	2	-	-	-	-	-	-	-	-	-	-	-	5
Belgrave *HH*	57972	33	24	6	8	-	-	-	-	1	-	-	-	-	1	4	4
St. John Westminster *HH*	38478	28	13	1	6	-	-	-	-	1	-	-	-	-	-	1	-
St. Margaret Westminster *WH*	27781	16	10	2	2	-	-	-	-	1	-	-	-	-	-	1	2
Golden Square *WH*	12860	8	4	-	1	-	-	-	-	-	-	-	-	-	-	-	2
Berwick-street *H*	20759	8	5	-	-	-	1	-	-	-	-	-	-	-	-	-	-
St. Anne Soho *HHHHH*	17562	6	5	2	2	-	-	-	-	1	-	-	-	-	1	2	-
NORTH DISTRICTS.																	
All Souls Marylebone *HHHH*	28579	13	16	2	1	-	-	-	-	-	-	-	-	-	-	-	6
Cavendish Square *HH*	15425	3	7	1	2	-	1	-	1	-	-	-	-	-	-	-	-
Rectory Marylebone *WH*	26384	14	16	1	5	-	-	1	-	-	-	2	-	-	-	1	10
St. Mary Marylebone *HHH*	21786	15	7	3	3	-	-	-	-	1	-	-	-	-	-	-	1
Christchurch Marylebone *H*	33944	18	13	5	5	-	-	-	1	-	-	-	-	2	-	-	-
St. John Marylebone *H*	33136	16	12	2	5	-	-	-	-	1	-	-	-	1	-	-	-
Hampstead *WwHH*	32281	27	23	1	1	5	-	-	-	1	-	-	-	-	-	1	6
Regent's Park Pancras	38200	20	11	1	2	-	-	-	-	1	-	-	-	-	-	-	-
Tottenham-court *wHHH*	29370	23	13	3	4	-	-	-	-	-	-	-	-	-	-	-	8
Gray's Inn Lane *HHH*	29221	22	14	3	4	-	-	2	-	-	-	1	-	-	-	1	1
Somers Town	38533	22	9	1	4	-	-	-	-	-	-	-	-	-	-	-	-
Camden Town *WH*	17943	16	9	4	4	-	-	-	-	-	-	-	-	-	-	-	6
Kentish Town *w*	68198	52	37	7	8	-	1	-	-	2	-	-	-	-	2	4	3
Islington West *HHH*	97820	98	47	12	8	2	2	4	-	6	1	1	1	-	-	-	3
Islington East *WwwH*	115958	102	61	8	18	3	-	1	-	3	1	2	-	-	4	4	11
Stoke Newington *H*	9841	16	5	1	-	-	-	-	-	-	-	-	-	1	-	-	-
Stamford Hill	6598	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney	28069	41	19	8	4	-	-	-	-	-	-	-	-	-	1	2	-
Hackney *WwwHL*	50104	54	43	5	10	10	-	1	-	-	-	3	-	-	-	-	19
South Hackney	30339	21	10	1	2	1	1	-	-	1	1	-	-	-	-	-	-
CENTRAL DISTRICTS.																	
St. George Bloomsbury	17853	10	9	2	4	-	-	-	-	-	-	-	-	1	-	-	-
St. Giles South *WH*	19109	16	9	2	1	-	-	-	-	-	-	-	-	-	-	-	3
St. Giles North	16594	10	6	3	1	-	1	-	-	1	-	-	-	-	-	-	-
Long Acre	11379	10	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Charing Cross *HH*	9859	2	11	1	4	-	-	-	-	-	-	-	-	-	2	3	5
St. Mary-le-Strand	9378	7	6	4	1	-	-	-	-	-	-	-	-	-	-	1	-
St. Clement Danes *H*	10723	8	6	-	1	-	-	-	-	-	-	-	-	-	-	-	3
St. George-the-Martyr *HHHHH*	20521	4	5	-	-	-	-	-	-	-	-	-	-	-	-	-	5
St. Andrew Eastern *W*	13529	10	16	-	5	-	2	-	-	-	-	-	-	-	-	-	12
Saffron Hill *H*	9066	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell *W*	18917	17	8	3	1	-	1	-	-	-	-	-	-	1	-	-	4
Amwell Clerkenwell	16884	12	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Pentonville	13337	11	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Goswell-street	16242	8	5	1	2	-	1	-	-	-	-	-	-	-	1	-	-
Old-street *H*	12161	12	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
City-road *HHL*	18301	13	4	-	2	-	-	1	-	-	-	-	-	-	-	-	-
Whitecross-street	13792	16	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Finsbury	10741	7	6	1	2	-	1	1	-	-	-	-	-	-	-	-	-
St. Botolph East London *H*	14540	8	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Cripplegate	13638	3	4	1	1	-	-	-	-	1	-	-	-	-	-	-	-
St. Sepulchre *H*	7562	3	4	-	-	-	-	-	-	-	-	-	-	-	1	1	3
St. Bride *W*	11185	-	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard	4426	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch	6270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe	4753	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking	5764	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad-street *H*	7845	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at the foot of next page.

EVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
turday, 16th March 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
olywell Shoreditch	12430	10	5	1	1	-	-	-	-	1	-	-	-	-	-	-	-
t. Leonard Shoreditch *HL*†	16545	17	5	1	1	-	-	-	1	-	-	-	-	-	1	1	-
oxton New Town *w*	27835	25	15	5	3	1	-	-	-	2	-	1	-	-	-	-	2
oxton Old Town	26933	18	14	5	1	-	-	-	-	4	-	-	-	-	-	-	-
aggerston* *WH*	43421	39	16	4	2	-	-	1	-	-	-	-	-	-	1	1	5
ackney-road *H*	29822	31	16	4	3	-	-	2	-	1	1	-	-	1	1	1	-
reen, Bethnal Green *WHL*†	42433	31	21	5	4	1	-	-	-	-	-	-	-	-	1	1	5
hurch, Bethnal Green	26577	27	8	7	-	-	-	-	-	-	-	-	-	-	1	1	-
own, Bethnal Green	21272	19	9	-	1	1	-	-	-	1	-	-	-	-	-	2	-
pitalfields *H*	22499	10	6	1	2	-	-	-	-	1	-	-	1	-	-	1	-
ile End New Town *W*	15550	24	12	2	4	5	-	-	-	2	-	-	-	-	-	-	5
hitechapel North	11597	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
hitechapel Church *H*	7322	8	19	1	1	-	-	-	-	-	-	-	-		1	2	13
oodman's Fields	10381	13	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
ldgate	9224	4	2	1	-	-	-	-	-	1	-	-	-	-	-	-	-
t. Mary St. George East	17900	15	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-
t. Paul St. George East	21350	16	5	2	-	-	-	1	-	-	-	-	-	-	1	1	-
t. John St. George East *W*	8802	5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	3
hadwell *H*	11640	9	3	-	-	-	1	-	-	-	-	-	-	-	-	-	1
atcliff	16131	13	7	3	1	-	-	-	-	2	-	-	-	-	-	-	-
imehouse	29919	28	16	6	2	1	3	-	-	1	-	-	-	-	-	-	-
ile End Old Town Western	38128	28	17	5	2	1	-	-	-	2	-	-	-	-	-	1	-
ile End Old Town Eastern *WwwH*	55024	39	32	5	7	1	3	1	-	1	-	-	-	-	-	1	5
ow *wwwH*	67765	88	56	13	11	2	2	1	-	5	1	-	-	-	4	5	14
oplar *WW*	48611	35	13	4	1	-	-	-	-	-	-	-	-	-	-	2	-
SOUTH DISTRICTS.																	
hristchurch Southwark *WH*	14573	2	4	-	1	-	1	-	-	-	-	-	-	-	-	-	2
t. Saviour Southwark *H*	15677	11	3	-	1	-	-	-	-	-	-	-	-	-	1	1	-
ent-road	20421	12	8	2	1	-	-	-	-	2	-	-	-	-	-	-	-
orough-road *WH*	16695	14	5	2	1	1	-	-	-	1	-	-	-	-	-	-	-
ondon-road *HL*	18961	17	10	4	3	-	-	-	-	-	-	-	-	-	1	1	1
rinity Newington	23682	18	7	3	-	-	-	-	-	-	-	-	-	-	-	-	-
t. Peter Walworth *W*	48248	52	41	9	5	-	-	-	-	5	-	1	-	-	-	1	11
t. Mary Newington	16792	16	6	2	-	-	-	1	-	-	-	-	-	-	-	-	-
t. Olave Southwark *H*	4373	-	8	-	1	-	-	-	-	2	-	-	-	-	-	-	5
t. John Horsleydown *W*	10500	16	6	3	-	-	-	-	-	-	-	-	-	1	-	1	2
eather Market	16787	10	9	2	-	-	-	-	-	4	-	-	-	-	-	-	-
t. Mary Magdalen *W*	15709	12	18	4	6	-	1	-	-	3	-	-	-	-	-	-	7
t. James Bermondsey	47933	54	20	6	2	-	1	-	-	3	1	-	-	-	1	3	-
otherhithe *W*	27096	24	9	4	-	-	-	-	-	1	-	-	-	-	1	1	2
aterloo-road 1st *H*	14074	7	6	1	1	-	-	-	-	-	-	-	-	-	-	-	1
aterloo-road 2nd *H*	18465	12	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ambeth Church 1st *H*	19492	14	8	1	2	-	-	-	-	1	-	-	-	-	1	2	2
ambeth Church 2nd *WW*	35833	25	25	7	8	-	1	-	-	1	-	-	-	-	-	1	14
ennington 1st	41286	28	20	6	7	-	-	-	-	-	-	1	-	-	-	-	-
ennington 2nd	31221	22	13	2	2	-	-	-	-	2	-	-	-	-	-	-	-
rixton *w*	35435	45	23	5	2	7	1	1	-	-	1	1	-	-	-	-	8
orwood *W*	12536	9	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-
apham *H*	27347	16	11	4	3	-	-	-	-	-	-	-	-	-	-	-	-
attersea *Ww*	54016	78	26	8	5	1	1	-	-	1	-	-	-	1	-	1	3
andsworth *HL*	19783	11	4	-	2	-	-	-	-	-	-	-	-	-	-	-	2
utney	9439	7	4	1	-	-	-	-	-	1	-	-	-	-	-	-	-
reatham	14475	13	4	3	-	-	-	-	-	-	-	-	-	1	-	-	-
ulwich	4041	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
amberwell *WL*†*L*†	31254	33	22	5	7	1	-	-	-	-	-	-	-	-	-	-	8
eckham *W*	42160	46	28	8	7	1	-	-	-	1	1	-	-	-	1	1	-
t. George Camberwell	33851	27	16	2	4	1	-	-	-	-	1	-	-	-	-	-	-
t. Paul Deptford *w*	53714	57	13	3	2	-	-	-	-	-	-	-	-	-	-	-	-
t. Nicholas Deptford	6474	5	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
reenwich West	21034	17	11	6	1	-	3	1	-	-	-	-	-	-	-	-	-
reenwich East *WH*	19378	13	21	1	4	-	1	1	-	-	-	-	-	-	-	-	15
ltham *H*	4539	2	3	1	-	-	-	1	-	1	-	-	-	-	-	-	-
ee	16440	9	4	-	-	-	-	1	1	-	-	-	-	-	-	-	-
ewisham Village *WH*	11513	7	8	3	2	-	-	1	-	-	-	-	-	1	-	-	2
ydenham *H*	19065	17	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
harlton *H*	9564	4	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-
oolwich Dockyard	17226	9	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-
oolwich Arsenal *WHH*	18331	20	12	4	3	-	1	-	-	-	-	-	-	-	1	3	-
lumstead West	13027	11	6	1	1	-	-	-	-	1	-	-	-	-	-	-	-
lumstead East *W*	15232	13	11	5	2	-	-	-	-	-	-	-	-	-	-	-	3

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the ove Table by *w*:—

Central London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary " " "
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.
London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

* The two sub-districts of Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston sub-strict.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 16th March 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
	LONDON—OUTER RING	368,414	631,381	514	279	75	75	3	2	4	3	9	4	3	9	16
29 : 1	Carshalton *wL* - - -	12228	13523	9	6	1	2	-	-	-	-	-	-	-	1	1
2	Epsom (*part of*) * *WH* -	9971	9145	3	5	-	2	-	-	-	-	-	-	-	-	-
36 : 1	Godstone (*part of*) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	50	29	5	10	-	-	-	2	-	-	-	1	1
2	Mitcham *WH* - - -	11697	12534	12	5	2	1	-	-	-	-	-	-	-	-	1
38 : 1	Wimbledon *HH* - - -	3220	9087	9	6	4	1	-	-	-	-	3	-	-	1	-
2	Kingston *WH* - - -	8549	27489	15	13	5	3	-	-	-	-	-	1	-	-	-
3	Esher (*part of*) * - -	6601	7353	2	1	-	1	-	-	-	-	-	-	-	1	1
4	Hampton - - - -	4573	10185	8	3	3	-	-	-	-	-	-	-	-	-	-
39 : 1	Richmond *WH* - - -	2271	16829	8	10	3	1	-	-	-	-	-	-	1	-	-
2	Mortlake - - - -	2961	9316	7	-	-	-	-	-	-	-	-	-	-	-	-
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	20	7	1	1	-	1	-	-	-		-	-	-
2	Chislehurst (*part of*) * *W* -	13665	10028	5	1	-	1	-	-	-	-	-	-	-	-	-
41 : 1	Bexley *H* - - - -	13439	19566	16	9	3	1	-	-	1	-	2	-	-	-	-
123 : 1	Sunbury *W* - - -	11055	9860	7	2	-	1	-	-	-	-	-	-	-	-	-
2	Staines *W* - - - -	13277	10339	11	4	1	2	-	-	-	-	-	-	-	-	-
124 : 1	Hillingdon *WH* - - -	6029	9712	5	2	2	-	-	-	-	-	-	-	-	-	-
2	Uxbridge - - - -	6178	5329	4	1	-	-	-	-	-	-	-	-	-	-	-
3	Hayes *WL* - - - -	14587	10497	6	5	-	1	-	-	-	-	-	-	-	-	-
125 : 1	Isleworth *W* - - -	7008	19930	16	9	2	7	-	-	-	-	-	-	-	-	1
2	Twickenham - - -	2477	10533	7	3	-	1	-	-	-	-	-	-	-	-	-
3	Brentford *HL* - - -	4370	20279	10	7	2	1	1	1	-	-	-	1	-	-	-
4	Chiswick - - - -	1811	8508	11	3	-	3	-	-	-	-	-	-	-	-	-
5	Acton *WH* - - - -	6087	12683	9	4	1	1	-	-	-	-	-	-	1	-	-
126 : 1	Harrow *H* - - - -	13809	10869	4	5	1	2	-	-	-	-	-	-	-	-	-
2	Edgware *H* - - -	6994	3450	1	3	-	2	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	12	5	1	1	-	-	-	-	-	-	-	-	1
4	Hendon *WH* - - -	8382	6972	4	2	-	2	-	-	-	-	-	-	-	-	-
127 : 1	South Mimms - - -	15419	5924	5	4	-	3	-	-	-	-	-	-	-	1	1
2	Barnet *W* - - - -	5423	7752	3	1	-	-	-	-	-	-	1	-	-	-	-
3	Finchley *L* - - - -	4688	11493	11	13	2	2	-	-	-	-	-	-	-	1	1
128 : 1	Hornsey *H* - - - -	3039	19357	19	10	3	3	-	-	-	-	-	-	1	-	2
2	Tottenham *H* - - -	4642	22869	17	9	-	3	-	-	1	-	-	-	-	1	1
3	Edmonton *WW* - - -	7483	16860	6	10	1	5	-	-	-	-	-	-	-	1	1
4	Enfield *WH* - - -	12653	16054	25	7	1	3	-	-	-	-	-	-	-	-	-
5	Waltham Abbey - - -	11017	5197	3	3	1	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	5	7	3	2	-	-	-	-	-	-	-	-	-
134 : 1	Hatfield (*part of*) * - -	3180	559	1	1	1	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	4	-	-	-	-	-	-	-	-	-	-	-	-
185 : 1	Stratford - - - -	882	23286	37	23	6	5	-	-	2	-	1	1	-	1	2
2	West Ham *WWWW* - -	7345	44642	59	23	12	-	2	-	-	-	1	-	-	-	-
3	Leyton *WW* - - -	4274	15513	5	5	2	1	-	-	-	1	-	-	-	-	2
4	Walthamstow *H* - -	6619	15701	18	7	5	-	-	-	-	-	1	-	-	-	-
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	2	3	-	-	-	-	-	-	-	1	-	-	-
188 :	Romford (*part of*) * - -	6730	2879	7	1	1	-	-	-	-	-	-	-	-	-	-
2	Ilford - - - - -	8492	5947	8	1	-	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	8	1	-	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follo 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in God sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, excep two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoidon (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 16th March 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Deaths in Public Institutions.
EATER LONDON	446,494	4,450,015	21·2	3·2	1805	427	393	56	34	32	9	93	31	16	44	328
INNER LONDON -	78,080	3,577,304	22·3	3·5	1526	352	318	53	32	28	6	84	27	13	35	294
OUTER RING -	368,414	872,711	16·7	1·7	279	75	75	3	2	4	3	9	4	3	9	34

OTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal 97·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area 68,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, hich 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than niles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,760,953 Persons.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	February	9	-	248	30·1	Ent. and simple fevrs. 59; cholera 12; sm.-pox 16.
BOMBAY - -	644,405	"	12	-	-	-	
MADRAS - -	397,552	January	18	299	676	88·4	Small-pox 22; fevers 162; dysentery 204.
PARIS - - -	1,988,806	March	14	-	948	24·8	Typhoid fever 12; croup 24; diphtheria 27.
GENEVA - -	68,792	"	9	48	39	29·6	Small-pox 1.
BRUSSELS - -	175,782	"	9	125	102	30·3	Measles 6.
AMSTERDAM -	302,266	"	9	207	140	24·0	Typhus and typhoid fever 4.
ROTTERDAM -	142,585	"	9	120	109	39·7	—
THE HAGUE -	107,896	"	9	71	55	26·5	—
COPENHAGEN -	220,000	"	5	165	98	23·2	Diphtheria 1; dysentery 2.
STOCKHOLM -	146,845	"	2	-	73	25·8	Scarlet fever 2; measles 3.
CHRISTIANIA -	105,000	"	9	82	46	22·8	Scarlet fever 1.
ST. PETERSBURGH	669,741	"	2	-	767	60·0	Typhus and typhoid fev. 164; small-pox 10.
BERLIN - -	1,019,620	February	23	838	515	26·2	Scarlet fever 17; diphtheria 23.
HAMBURG (State)	406,104	March	2	323	237	30·5	Whooping-cough 16; typhus & typhd. fev. 6.
DRESDEN - -	207,845	"	2	146	96	24·0	Scarlet fever 3; diphtheria and croup 2.
BRESLAU - -	267,000	"	9	192	154	30·0	Fevers 3.
MUNICH - -	222,000	"	9	196	194	45·0	Diphtheria and croup 12; typhus & typhd. fev. 3.
VIENNA - -	727,271	"	9	569	455	32·5	Small-pox 10; diphtheria 29.
BUDA-PESTH -	319,530	"	2	278	271	44·1	Scarlet fev. 6; diph. 10; typhus & typhd. fev. 15.
ROME - - -	282,214	February	2	175	268	38·5	Sm.-pox 2; diph. & croup 6.
		"	9	183	262	48·4	Typhus and typhoid fev. 6; diph. and croup 5.
NAPLES - -	457,407	"	11	-	-	-	
TURIN - -	227,843	March	2	136	155	35·5	Typhus and typhoid fev. 5; diph. and croup 8.
VENICE - -	139,796	"	2	84	78	29·1	Typhoid fever 2.
ALEXANDRIA -	212,034	"	7	171	164	40·4	Small-pox 1; diphtheria 4.
NEW YORK -	1,084,528	February	16	-	533	25·4	Scarlet fever 27; diphtheria 32; croup 13.
BROOKLYN -	549,438	"	16	-	187	17·7	Scarlet fever 9; diphtheria 8.
PHILADELPHIA	876,118	"	23	-	279	16·6	Scarlet fever 17; diph. 10; typhoid fever 9.
BOSTON - -	363,000	"	16	-	136	19·1	Diphtheria 9.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 16th MARCH, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Between Dew Point and Air Temperature. Great-est.	Between Dew Point and Air Temperature. Least.	Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure on square foot. Great-est.	Osler's. Pressure on square foot. Least.	Osler's. Pressure on square foot. Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	Robinson's. Depart-ure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
MARCH.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN.	10	..	29·864	51·0	40·7	10·3	44·8	42·2	70·2	38·7	49·3	46·8	2·6	9·4	0·0	+ 4·2	91	SW. & WSW.	NNW. NW. & W.	2·0	0·0	0·3	303	— 36	0·08	0·0
MON.	11	..	30·057	51·9	38·8	13·1	46·0	40·3	66·9	35·0	48·7	46·7	5·7	10·0	3·9	+ 5·3	80	WSW. & W.	W.	4·0	0·0	0·7	424	+100	0·00	0·0
TUES.	12	First Qr. Greatest Dec. N.	30·120	51·3	38·0	13·3	43·9	35·1	102·9	29·3	48·3	46·3	8·8	16·2	4·0	+ 3·1	71	W. & NNE.	N. NNE. & SW.	3·0	0·0	0·3	267	— 41	0·01	0·0
WED.	13	..	30·203	45·4	33·7	11·7	38·8	28·0	91·1	25·0	48·8	45·8	10·8	14·8	4·6	— 2·2	65	N.	N. & NNE.	15·7	0·0	1·1	375	+ 77	0·00	4·0
THURS.	14	..	30·294	49·5	28·6	20·9	38·4	29·0	99·8	18·2	47·5	45·3	9·4	18·1	3·4	— 2·8	69	N. & W.	N.	1·6	0·0	0·1	175	—116	0·00	0·0
FRI.	15	..	30·271	45·1	28·1	17·0	36·6	28·0	90·9	15·5	47·1	45·3	8·6	14·1	5·6	— 4·8	71	N. & NNE.	NE. & E.	2·6	0·0	0·4	260	— 30	0·00	0·0
SAT.	16	..	30·464	43·6	27·8	15·8	35·0	26·7	95·0	19·0	47·3	45·3	8·3	14·7	2·2	— 6·5	71	N. & NE.	ENE. & SE.	1·6	0·0	0·1	204	— 92	0·00	0·0
MEANS		..	30·182	48·3	33·7	14·6	40·5	32·8	88·1	25·8	48·1	45·9	7·7	13·9	3·4	— 0·5	74	Variable.		..	..	..	Sum 2008	Sum —138	Sum 0·09	0·6
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. March.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY	10	The electrical apparatus was not in action throughout the week.	0·3	11·4	Overcast. Gloomy and rainy in morning, fine after noon. Cloudless with lunar halo in evening.
MONDAY	11		0·2	11·5	Generally overcast.
TUESDAY	12		6·7	11·6	Cloudy with slight rain in morning; fine with little cloud throughout day; cloudy and foggy at night.
WEDNESDAY	13		4·2	11·6	Fine; partially cloudy till evening; cloudless at night.
THURSDAY	14		4·2	11·7	Cloudless, with fog and hoar frost in morning; partially cloudy till evening; clear at night.
FRIDAY	15		1·2	11·8	Generally cloudy till evening; cloudless for some hours at night.
SATURDAY	16		2·3	11·8	Cloudy in morning; fine and partially cloudy in afternoon; cloudless at night. Hoar frost.
..		..	Sum 19·1	Sum 81·4	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and — "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29·91 in. at the beginning of the week to 29·80 in. by 9h. A.M.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
25th March, 1878.

United Kingdom.

During last week 6394 *births* and 3992 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The natural increase of population was 2402. The mortality from all causes was at the average rate of 25 deaths annually in every 1000 persons living. The annual death-rate was 26 per 1000 in Edinburgh, and 29 in Glasgow.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Portsmouth 18, Leicester 18, Hull 19, Salford 19, Newcastle 21, Oldham 22, Norwich 22, Leeds 22, Bradford 23, Wolverhampton 23, Bristol 24, Liverpool 24, London 24, Brighton 25, Sheffield 25, Nottingham 26, Sunderland 26, Birmingham 27, Manchester 28, and again the highest rate during the week 34 in Plymouth. The annual death-rate from the seven principal zymotic diseases averaged 3·6 per 1000 in the twenty towns, and was again excessive in Plymouth, owing mainly to the fatal prevalence of whooping-cough. Small-pox did not cause any death in the nineteen large provincial towns, although 42 fatal cases were recorded in London.

London.

In London 2721 births and 1676 deaths were registered. Allowing for increase of population, the births exceeded by 203, while the deaths corresponded with, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the five preceding weeks had decreased from 28·1 to 22·3, rose again last week to 24·5.

The 1676 deaths included 42 from small-pox, 34 from measles, 22 from scarlet fever, 13 from diphtheria, 124 from whooping-cough, 29 from different forms of fever, and 13 from diarrhœa; thus to the seven principal diseases of the zymotic class 277 deaths were referred, against 288, 259, and 243 in the three preceding weeks. Whooping-cough continues to be the most fatal zymotic disease in London, and caused 124 deaths last week, against 102 and 84 in the two preceding weeks; 38 occurred in the East, and 52 in the South groups of districts, the disease showing especial fatality in Shoreditch, Mile End Old Town, Bermondsey, and Lambeth. The 34 deaths from measles included 6 in Islington, 4 in Clerkenwell, and 7 in Bow and Poplar. Five fatal cases of scarlet fever were returned in the district of Holborn. Diphtheria caused 3 deaths in Hampstead, 2 in Bethnal Green, and 4 in Charlton and Woolwich. The deaths referred to fever, which had been 28 and 27 in the two previous weeks, were 29 last week, and were 4 below the corrected average weekly number; two were fatal cases of typhus, 25 of enteric or typhoid, and 2 of simple continued fever. The two deceased typhus patients had resided at 79, College Street, Camden Town; and at 45, Knight Rider Street, City. The 25 deaths from enteric fever included 6 in Islington, and 2 in Kentish Town.

The deaths from small-pox, which had been 34 and 53 in the two preceding weeks, were 42 last week, of which 28 occurred in the Metropolitan Asylum Hospitals, and 2 in the Highgate Small-pox Hospital, while the remaining 12 occurred in private dwelling-houses. Five of the deceased small-pox patients had resided in Chelsea, 3 in Pancras, 3 in Islington, 4 in Hackney, 6 in Lambeth, and 3 in Wandsworth. The death of a female, aged 29 years, who was discharged from the Stockwell Small-pox Hospital on the 19th instant, occurred on 22nd, at 47, Conroy Street, Lambeth, its cause being certified as "variola 21 days, congestion of the lungs and diarrhœa 3 days." Of the 42 fatal cases of small-pox, 18 were certified as unvaccinated, and 14 as vaccinated; in the remaining 10 cases the medical certificates did not give any information as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which in the two previous weeks had been 667 and 638, were 642 last week; the number of new cases admitted during the week was 128, against numbers declining from 173 to 119 in the four previous weeks. The Highgate Small-pox Hospital contained 51 patients on Saturday last, against 61 and 59 on the two preceding Saturdays.

Six deaths were last week referred to puerperal fever, of which 4 occurred in East London.

The recent outbreak of diphtheria in Upper Clapton, from which 4 deaths resulted, has been referred by local medical practitioners and other residents to the emanations from a heap (said to be about 20 feet high, and to cover about an acre) of dust and house refuse in Craven Park, which in such a neighbourhood could scarcely fail to be a nuisance. It is not long since several of the Metropolitan Health Officers called the attention of the Local Government Board to the danger to be apprehended from building upon accumulations of such refuse. Dr. Tripe, the Medical Officer of Health for Hackney, however, refers the outbreak to sewer gas, through defective drains in the houses affected, and reports that "the accumulation of house refuse at Craven Park could not have been the cause of the outbreak."

The deaths referred to diseases of the respiratory organs, which in the five preceding weeks had declined from 544 to 340, rose last week to 402, of which 255 resulted from bronchitis and 93 from pneumonia.

Different forms of violence caused 53 deaths; 41 were the result of negligence or accident, including 23 from fractures and contusions, 4 from burns and scalds, and 9 of infants under one year of age from suffocation. The 23 deaths from fractures and contusions were thus caused:—males aged 82 and 7, run over by tram-cars; male 5, run over by a cab; male 51, by jumping out of a cart; male 46, by wheel of cart falling upon him; male 38, fell off a van; female 3, run over (nature of vehicle not stated); male 37, crushed between buffers at Clapham Junction; male 19, crushed between carriages and platform at Sydenham; males 81, 70, and 34, and females 52, 3, and 68, fell down stairs; male 45, fell from a scaffold; male 77, fell from a ladder; male 59, fell from the roof of a house; male 1, fell from a chair; female 38, fell in the street (intoxicated); female 87, fell in a room; male 1, by fall of bedstead upon him; and male 38, by fall of a stone upon him on board ship. An inquest was held in each of these cases. The death of a male, aged 53 years, on 15th instant, at Milbank, was referred to "sewer gas; "found dead in the sewer. Post mort." *Inquest.*

Greater London.

In the Greater London 3299 births and 1986 deaths were registered, equal to annual rates of 38·7 and 23·3 per 1000 of the population. In the Outer Ring, 5 deaths were referred to small-pox in West Ham, one in Edmonton, and one in Leyton sub-districts.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 31, Bombay 46, Madras 84; Paris 27; Geneva 29; Brussels 33; Amsterdam 26, Rotterdam 30, The Hague 30; Copenhagen 22; Stockholm 19; Christiania 23; St. Petersburgh 60; Berlin 28, Hamburg 27, Dresden 25, Breslau 27, Munich 45; Vienna 33, Buda-Pesth 40; Rome 41, Turin 34, Venice 35; Alexandria 29; New York 25, Brooklyn 17, Philadelphia 19, and Boston 20. Typhus and enteric fevers caused 180 of the 776 deaths in St. Petersburgh.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30·04 in.; the highest reading was 30·47 in. at the beginning of the week, and the lowest 29·52 in. at the end of the week. The mean temperature of the *air* was 43°·3, and 1°·5 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was below the average on Sunday, Friday, and Saturday, whereas it showed an excess on each of the other days of the week; on Tuesday it was 48°·3, and 6°·6 above the average, while on Saturday it fell to 35°·1, and showed a deficiency of 6°·9. The lowest night temperature was 25°·1 on Sunday, and the highest day temperature in the shade 54°·6 on Wednesday; the extreme range in the week was, therefore, 29°·5. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 94°·0 on Friday. The difference between the mean *dew-point* and *air* temperature averaged 7°·7. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 45°·7. The mean degree of *humidity* of the air was 75, complete saturation being represented by 100; the air was therefore dry. The general direction of the *wind* was westerly, and the horizontal movement of the air averaged 9·8 miles per hour, which was 3·1 below the average in the corresponding week of 16 years. No *rain* was measured during the week. The duration of registered sunshine in the week was 9·9 hours, the sun being above the horizon during 84·7 hours; the recorded duration of sunshine was, therefore, equal to 12 per cent. of its possible duration.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 23rd March 1878.

CITIES AND BOROUGHS. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 23rd March 1878.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
In 23 TOWNS in the UNITED KINGDOM	220,845	8,373,953	37·9	6394	3992	59·0	22·9	43·5	6·39	0·03	0·08
LONDON	75,362	3,577,304	47·5	2721	1676	54·6	25·1	43·3	6·28	0·00	0·00
BRIGHTON	2,354	103,923	44·1	67	49	56·6	27·0	43·0	6·11	0·00	0·00
PORTSMOUTH	4,486	129,461	28·9	99	45	57·0	29·0	45·2	7·33	0·00	0·00
NORWICH	7,472	84,620	11·3	58	36	55·5	30·0	43·4	6·33	0·06	0·15
PLYMOUTH	1,395	73,599	52·8	41	48	57·0	30·5	44·2	6·78	0·00	0·00
BRISTOL	4,452	206,419	46·4	155	93	57·1	22·9	42·1	5·62	0·04	0·10
WOLVERHAMPTON	3,396	74,240	21·9	65	33	52·4	22·9	40·6	4·78	0·00	0·00
BIRMINGHAM	8,400	383,117	45·6	358	199	–	–	–	–	–	–
LEICESTER	3,200	121,473	38·0	92	43	55·0	26·2	43·1	6·17	0·01	0·03
NOTTINGHAM	9,960	165,267	16·6	99	81	57·4	24·0	43·1	6·17	0·00	0·00
LIVERPOOL	5,210	532,681	102·2	442	249	50·6	31·7	42·6	5·90	0·10	0·25
MANCHESTER	4,293	360,514	84·0	279	195	–	–	–	–	–	–
SALFORD	5,170	170,251	32·9	137	62	54·4	22·9	41·6	5·34	0·02	0·05
OLDHAM	4,666	107,366	23·0	95	45	–	–	–	–	–	–
BRADFORD	7,220	185,088	25·6	121	80	56·6	28·2	43·8	6·56	0·00	0·00
LEEDS	21,572	304,948	14·1	248	131	57·0	28·0	43·9	6·61	0·03	0·08
SHEFFIELD	19,651	289,537	14·7	220	138	56·5	27·5	44·5	6·95	0·00	0·00
HULL	3,635	143,139	39·4	103	51	57·0	26·0	44·2	6·78	0·03	0·08
SUNDERLAND	3,306	112,459	34·0	85	57	59·0	30·0	45·0	7·22	0·00	0·00
NEWCASTLE-ON-TYNE	5,371	144,570	26·9	118	59	–	–	–	–	–	–
EDINBURGH	4,191	222,371	53·1	155	11	57·8	28·0	44·1	6·73	0·01	0·03
GLASGOW	6,033	566,940	94·0	434	319	55·2	30·7	45·0	7·22	0·27	0·69
DUBLIN	10,050	314,666	31·3	*202*‡	*193*‡	–	–	–	–	–	–

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.

† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

‡ The return from Dublin not having come to hand, averages of the numbers in recent weeks have been inserted in order to make up a total for the 23 towns.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday the 23rd March 1878.

BOROUGHS, &c. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
				Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.		
In 20 TOWNS	24·2	3·6	3370	815	644	42	80	78	21	195	54	33	109	196	529
LONDON	24·5	4·0	1676	386	341	42	34	22	13	124	29	13	53	93	333
BRIGHTON	24·6	3·0	49	14	9	–	–	–	–	5	1	–	–	1	7
PORTSMOUTH	18·1	2·8	45	14	13	–	1	–	–	6	–	–	1	3	2
NORWICH	22·2	3·1	36	10	10	–	–	–	–	4	–	1	–	4	2
PLYMOUTH	34·0	9·2	48	7	8	–	2	3	1	7	–	–	–	4	3
BRISTOL	23·5	1·5	93	21	21	–	–	3	–	–	2	1	2	5	8
WOLVERHAMPTON	23·2	3·5	33	9	9	–	1	–	–	3	1	–	–	1	6
BIRMINGHAM	27·1	4·8	199	57	35	–	2	12	2	14	3	2	1	3	23
LEICESTER	18·5	1·3	43	16	6	–	–	–	–	3	–	–	2	6	3
NOTTINGHAM	25·6	2·5	81	21	20	–	4	–	–	2	1	1	2	7	11
LIVERPOOL	24·4	4·2	249	53	36	–	21	7	3	6	3	3	7	8	39
MANCHESTER	28·2	2·5	195	49	34	–	3	7	–	1	3	3	8	20	40
SALFORD	19·0	1·5	62	19	6	–	–	–	–	2	2	1	5	5	4
OLDHAM	21·9	4·4	45	11	14	–	5	–	–	3	–	1	4	3	1
BRADFORD	22·6	3·1	80	26	7	–	–	4	–	4	–	3	3	5	4
LEEDS	22·4	1·7	131	27	18	–	1	1	–	4	3	1	6	8	13
SHEFFIELD	24·9	4·1	138	29	20	–	4	13	2	–	4	–	6	5	18
HULL	18·6	0·7	51	15	12	–	–	–	–	1	1	–	1	1	3
SUNDERLAND	26·5	3·7	57	15	10	–	1	3	–	3	–	1	5	5	4
NEWCASTLE-ON-TYNE	21·3	3·6	59	16	15	–	1	3	–	3	1	2	3	4	5
DUBLIN	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Table 3. LONDON.—**Births** and **Deaths** Registered last Week, and in the Twelfth Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
Total **Births**	2299	2177	2227	2429	2103	2348	2454	2364	2601	2532	2353·4	2721
Males . .	1188	1121	1151	1228	1070	1202	1226	1244	1309	1303	1204·2	1401
Females .	1111	1056	1076	1201	1033	1146	1228	1120	1292	1229	1149·2	1320
Total **Deaths**	1298	1590	1478	1665	1463	1546	1530	1680	1615	1802	1566·7	1676
Males . .	685	800	771	840	731	753	741	834	824	945	792·4	838
Females .	613	790	707	825	732	793	789	846	791	857	774·3	838

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77 after raising the average by 7 per cent. for increase of population.

Table 4. LONDON.—Deaths and Meteorology in the Last Thirteen Weeks.

	Dec. 29.	Jan. 5.	Jan. 12.	Jan. 19.	Jan. 26.	Feb. 2.	Feb. 9.	Feb. 16.	Feb. 23.	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.
Total **Deaths** - - -	1757	1892	1760	1903	1864	1703	1813	1927	1756	1637	1580	1526	1676
0—20 - -	868	911	867	918	899	788	855	896	839	823	807	767	854
20—40 - -	217	244	230	240	203	248	245	246	212	202	216	196	198
40—60 - -	274	317	288	298	335	276	305	331	263	254	249	245	283
60—80 - -	331	345	309	373	359	320	326	376	358	297	260	257	276
at 80 years & upwds.	67	75	66	74	68	71	82	78	84	61	48	61	65
Deaths of children: Under 1 year -	398	436	380	416	409	318	393	412	397	381	370	352	386
Deaths of children: 1—5 - - -	367	378	363	397	365	342	344	340	326	333	331	301	351
Deaths of children: 5—20 - -	103	97	124	105	125	128	118	144	116	109	106	114	117
Deaths from 7 principal Zymotic Diseases	311	292	299	291	304	266	306	295	257	288	259	243	277
" " Smallpox - -	29	26	35	51	34	38	55	47	39	54	34	53	42
" " Measles - -	109	104	97	77	63	56	40	43	40	41	46	32	34
" " Scarlet Fever -	31	31	39	35	39	43	37	32	34	35	35	28	22
" " Diphtheria -	12	5	9	5	6	9	10	5	9	8	7	6	13
" " Whooping-cough	82	89	69	94	117	89	114	124	100	112	102	84	124
" " Typhus fever -	7	1	7	4	3	5	3	2	5	5	6	9	2
" " Enteric (or Typhoid) fever -	23	23	19	15	23	12	21	24	16	18	17	16	25
" " Simple Contd fever	6	4	7	2	6	3	4	4	3	4	5	2	2
" " Diarrhœa - -	12	9	17	8	13	11	22	14	11	11	7	13	13
" " Simple Cholera -	–	1	–	–	–	1	–	–	–	–	–	–	1
" " Dis. of Respiratory Organs -	467	535	464	541	455	448	502	544	475	413	362	340	402
" " Phthisis - -	158	167	177	168	174	167	166	199	168	156	162	174	154
" " Heart Diseases -	94	99	100	103	121	111	95	112	108	94	75	86	89
Violent Deaths - - -	50	67	65	71	56	53	48	61	60	48	51	35	53
Inquest Cases - - -	94	136	134	137	97	95	96	127	115	106	96	72	98
Deaths in Public Institutions	306	301	302	358	336	324	332	387	353	290	294	294	333
Temperature of the Air:													
Mean - - - -	37°·8	43°·9	36°·9	42°·9	42°·3	36°·2	35°·1	42°·6	46°·5	48°·7	46°·6	40°·5	43°·3
Mean of Highest readings -	43·2	47·1	41·1	47·9	46·7	40·8	38·5	48·0	52·7	53·4	53·1	48·3	50·5
Mean of Lowest readings -	32·1	39·7	32·5	36·8	37·5	31·0	31·9	36·4	41·5	4·44	41·3	33·7	37·3
Mean Temperature of the Water of the Thames -	40·7	40·6	41·9	39·8	43·0	39·8	38·1	39·6	45·1	47·0	49·1	47·0	45·7
Humidity of the Air - -	79	91	82	83	80	87	92	91	83	81	72	74	75
Rain-fall in inches - -	0·55	0·48	0·02	0·02	0·11	0·42	0·05	0·80	0·03	0·34	0·00	0·09	0·00
Registered Sunshine (in hours)	12·2	3·5	8·1	6·5	11·6	11·8	3·8	8·2	15·8	4·2	19·4	19·1	9·9

Meteorological Observations. (*See* Table **1.**)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.M.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWELFTH Week of the Year 1878.

CAUSES OF DEATH.	Average in the Twelfth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, March 23, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
Mean Temperature -	41°·0	43°·3							
ALL CAUSES - -	1566·7	1676	386	351	117	198	283	276	65
SPECIFIED CAUSES	1559·6	1675	385	351	117	198	283	276	65
I. ZYMOTIC.									
ORDER 1.									
Small-pox - - -	36·0	42	4	8	13	11	5	1	-
Measles - - -	34·2	34	8	20	6	-	-	-	-
Scarlet Fever - -	27·4	22	2	13	7	-	-	-	-
Diphtheria - -	6·0	13	-	9	4	-	-	-	-
Quinsy - - -	·3	-	-	-	-	-	-	-	-
Croup - - -	14·4	19	3	16	-	-	-	-	-
Whooping-cough -	63·5	124	39	83	2	-	-	-	-
Typhus - - -	30·8 (Enteric or Typhoid Fev.; Simple continued Fev.)	2	-	1	1	-	-	-	-
Enteric or Typhoid Fev.		25	-	3	13	8	-	1	-
Simple continued Fev.		2	-	-	2	-	-	-	-
Erysipelas - -	7·1	10	7	-	-	-	-	3	-
Puerperal Fev. (Metria)	4·3	6	-	-	-	4	2	-	-
Carbuncle - -	·4	1	-	-	-	-	-	1	-
Influenza - - -	·3	1	-	1	-	-	-	-	-
Dysentery - -	1·1	-	-	-	-	-	-	-	-
Diarrhœa - - -	14·4	13	8	-	-	2	1	2	-
Simple Cholera - -	·1	1	-	1	-	-	-	-	-
Ague - - - -	·3	1	-	-	-	1	-	-	-
Remittent Fever -	—	1	-	-	1	-	-	-	-
Rheumatism - -	7·6	7	-	-	4	3	-	-	-
Other *Zymotic* Diseases	·2	-	-	-	-	-	-	-	-
ORDER 2.									
Syphilis - - -	8·3	8	6	1	-	1	-	-	-
Stricture of Urethra -	·9	1	-	-	-	1	-	-	-
Hydrophobia - -	—	-	-	-	-	-	-	-	-
Glanders - - -	—	-	-	-	-	-	-	-	-
ORDER 3.									
Privation - - -	·5	-	-	-	-	-	-	-	-
Want of Breast-milk	8·6	14	14	-	-	-	-	-	-
Purpura and Scurvy -	2·2	2	-	1	1	-	-	-	-
Alcoholism { *a* Del. Tremens	1·4	4	-	-	-	2	2	-	-
Alcoholism { *b* Intemperance	1·4	2	-	-	-	1	1	-	-
ORDER 4.									
Thrush - - -	2·0	2	2	-	-	-	-	-	-
Worms, &c. - -	·2	-	-	-	-	-	-	-	-
II. CONSTITUTIONAL.									
ORDER 1.									
Gout - - - -	2·9	1	-	-	-	-	-	1	-
Dropsy - - -	10·2	8	1	-	1	-	2	4	-
Cancer - - -	31·5	47	-	-	-	4	25	18	-
Cancrum Oris (Noma)	·2	2	-	2	-	-	-	-	-
Mortification - -	4·2	3	-	-	-	-	1	2	-
ORDER 2.									
Scrofula - - -	9·3	10	4	4	1	-	1	-	-
Tabes Mesenterica -	20·2	21	10	11	-	-	-	-	-
Phthisis - - -	184·4	154	1	6	16	66	56	8	1
Hydrocephalus - -	31·8	32	7	22	3	-	-	-	-
III. LOCAL.									
ORDER 1.									
Cephalitis - - -	21·6	24	3	8	9	3	1	-	-
Apoplexy - - -	44·4	49	1	1	1	5	17	23	1
Paralysis - - -	32·3	22	-	1	-	1	6	12	2
Insanity - - -	2·7	1	-	-	-	-	-	1	-
Chorea - - -	·1	-	-	-	-	-	-	-	-
Epilepsy - - -	9·3	6	-	-	-	1	4	1	-
Convulsions - -	53·8	62	48	14	-	-	-	-	-
Brain Disease, &c. -	18·5	22	1	1	-	5	4	11	-
ORDER 2.									
Pericarditis - -	2·6	2	-	-	-	1	1	-	-
Aneurism - - -	3·4	4	-	-	-	1	2	1	-
Heart Disease, &c. -	78·0	83	1	2	5	15	27	29	4
ORDER 3.									
Laryngitis - - -	13·3	13	4	5	2	2	-	-	-
Bronchitis - - -	247·0	255	57	48	2	8	39	83	18
Pleurisy - - -	4·0	3	-	1	-	-	1	1	-
Pneumonia - -	99·3	93	25	29	7	11	14	7	-
Asthma - - -	14·8	13	-	-	-	1	6	6	-
Lung Disease, &c. -	19·5	25	8	4	1	2	4	5	1

CAUSES OF DEATH.	Average in the Twelfth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, March 23, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
Mean Temperature -	41°·0	43°·3							
ORDER 4.									
1. Gastritis - - -	2·6	4	-	-	-	1	-	3	-
2. Enteritis - - -	5·1	6	3	1	-	2	-	-	-
3. Peritonitis - - -	6·7	9	-	-	4	4	-	1	-
4. Ascites - - -	2·4	-	-	-	-	-	-	-	-
5. Ulceration of Intestines	2·5	1	-	-	1	-	-	-	-
6. Hernia - - -	3·6	3	1	-	-	-	-	2	-
7. Ileus - - - -	3·2	2	-	-	1	1	-	-	-
8. Intussusception -	1·6	1	-	-	-	1	-	-	-
9. Stricture of Intestines	·9	-	-	-	-	-	-	-	-
10. Fistula - - -	·7	-	-	-	-	-	-	-	-
11. *Stomach Disease, &c.* -	6·3	4	-	-	-	1	1	1	1
12. *Pancreas Disease, &c.*	—	-	-	-	-	-	-	-	-
13. Hepatitis - - -	3·3	4	-	-	-	-	3	1	-
14. Jaundice - - -	4·8	2	-	1	-	-	-	1	-
15. *Liver Disease, &c.* -	18·9	29	-	-	2	4	16	7	-
16. *Spleen Disease, &c.* -	·2	-	-	-	-	-	-	-	-
ORDER 5.									
1. Nephritis - - -	1·8	2	-	-	-	-	1	1	-
2. Ischuria - - -	·1	-	-	-	-	-	-	-	-
3. Bright's Dis. (Nephria)	14·3	18	-	-	-	4	8	6	-
4. Diabetes - - -	3·3	2	-	-	-	1	-	1	-
5. Calculus (Stone) -	·4	1	-	-	-	1	-	-	-
6. Cystitis - - -	1·2	6	-	1	-	-	2	1	2
7. *Kidney Disease, &c.* -	7·5	8	-	-	1	3	3	1	-
ORDER 6.									
1. Ovarian Dropsy -	·6	3	-	-	-	-	3	-	-
2. *Uterus Disease, &c.* -	4·5	2	-	-	1	-	1	-	-
ORDER 7.									
1. Synovitis (Arthritis)	·2	1	-	-	1	-	-	-	-
2. *Joint Disease, &c.* -	7·5	6	1	-	1	2	1	1	-
ORDER 8.									
1. Phlegmon - - -	3·4	5	3	-	-	-	2	-	-
2. Ulcer - - - -	·6	2	-	-	-	-	1	1	-
3. *Skin Disease, &c.* -	·9	2	1	-	-	-	1	-	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth -	21·9	30	30	-	-	-	-	-	-
2. Cyanosis - - -	2·1	8	6	1	-	1	-	-	-
3. Spina Bifida - -	1·2	2	2	-	-	-	-	-	-
4. Other Malformations	1·7	4	3	1	-	-	-	-	-
5. Teething - - -	19·1	28	11	17	-	-	-	-	-
ORDER 2.									
1. Paramenia - - -	—	2	-	-	-	-	2	-	-
2. Childbirth (*see* Puerperal Fever) - -	7·0	3	-	-	-	2	1	-	-
ORDER 3.									
1. Old Age - - -	54·5	49	-	-	-	-	-	17	32
ORDER 4.									
1. Atrophy and Debility	59·9	61	49	7	-	-	1	4	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	16·9	23	-	4	3	5	5	3	3
2. Wounds { Gunshot	·4	1	-	-	-	1	-	-	-
2. Wounds { Cut, Stab		1	-	-	-	-	-	1	-
3. Burns and Scalds -	5·4	4	-	2	-	-	1	1	-
4. Poison - - -	1·1	-	-	-	-	-	-	-	-
5. Drowning - - -	5·6	1	-	-	-	1	-	-	-
6. Suffocation - -	9·6	11	9	-	-	1	1	-	-
7. Otherwise - - -	2·9	-	-	-	-	-	-	-	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	2·0	3	2	-	-	-	1	-	-
ORDER 4. SUICIDE.)									
1 Wounds { Gunshot -	·3	-	-	-	-	-	-	-	-
1 Wounds { Cut, Stab -	1·8	1	-	-	-	1	-	-	-
2. Poison - - -	1·1	2	-	-	-	1	-	1	-
3. Drowning - - -	·8	2	-	-	-	-	2	-	-
4. Hanging - - -	1·4	3	-	-	-	-	3	-	-
5. Otherwise - - -	·5	1	-	-	-	-	1	-	-
ORDER 5. (EXECUTION.)									
1. Hanging - - -	—	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - -	1·4	-	-	-	-	-	-	-	-
Causes not specified or ill-defined - - -	5·7	1	1	-	-	-	-	-	-

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

Table 6. LONDON.—Population, Births, Deaths from all Causes, and from Small-pox, Measles, Scarle
during the Week endin

Registration Sub-districts.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The Deaths registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public
LONDON	3,254,260	2721	1676	386	341	42	34	22	13	124	2	25	2	13	53	98	3
West Districts	561,359	425	272	53	61	9	4	4	1	10	-	2	-	-	12	24	6
North Districts	751,729	628	381	91	86	18	7	3	5	17	1	11	1	3	6	19	7
Central Districts	334,369	213	148	33	31	-	8	5	-	7	1	2	-	2	10	18	4
East Districts	639,111	565	362	89	65	1	8	2	2	38	-	3	1	5	11	19	6
South Districts	967,692	890	513	120	98	14	7	8	5	52	-	7	-	3	14	18	9
West Districts.																	
St. Mary Paddington *WH*	58728	38	28	3	7	-	-	2	1	1	-	-	-	-	2	3	
St. John Paddington *H*	38085	13	13	1	2	1	1	-	-	-	-	-	-	-	2	3	
Kensington Town *W*	91645	97	42	10	9	-	1	-	-	3	-	-	-	-	1	6	
Brompton *H*	28654	26	15	2	4	-	1	-	-	1	-	-	-	-	1	1	
St. Peter Hammersmith	6662	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Paul Hammersmith *H*	36029	54	15	2	6	-	-	-	-	1	-	-	-	-	1	2	
Fulham *WwH*	23350	24	21	4	6	7	-	-	-	1	-	-	-	-	-	-	
Chelsea South *HHH*	26420	17	17	4	3	1	-	-	-	-	-	-	-	-	-	2	
Chelsea North-west *WHHHH*	22926	17	12	2	2	-	-	-	-	-	-	-	-	-	-	-	
Chelsea North-east	21392	26	15	5	5	-	-	-	-	-	-	-	-	-	-	1	
Hanover Square *H*	18698	5	4	1	-	-	-	-	-	-	-	-	-	-	-	-	
May Fair *WW*	13358	4	14	1	5	-	-	-	-	-	-	-	-	-	1	1	1
Belgrave *HH*	57972	39	22	4	3	-	1	1	-	-	-	-	-	-	2	2	
St. John Westminster *HH*	38478	27	17	6	3	-	-	1	-	2	-	1	-	-	1	1	
St. Margaret Westminster *WH*	27781	13	10	3	3	-	-	-	-	1	-	-	-	-	1	2	
Golden Square *WH*	12860	6	12	3	1	-	-	-	-	-	-	-	-	-	-	-	
Berwick-street *H*	20759	8	8	1	1	-	-	-	-	-	-	-	-	-	-	-	
St. Anne Soho *HHHHH*	17562	6	7	1	1	-	-	-	-	-	-	1	-	-	-	-	
North Districts.																	
All Souls Marylebone *HHHH*	28579	13	13	1	1	-	-	-	1	1	-	-	-	-	-	-	
Cavendish Square *HH*	15425	9	5	-	2	-	-	-	-	-	-	-	-	-	-	-	
Rectory Marylebone *WH*	26384	23	15	3	5	-	-	-	-	-	-	-	-	1	-	1	1
St. Mary Marylebone *HHH*	21786	23	10	4	1	-	-	-	-	-	-	-	-	-	-	-	
Christchurch Marylebone *H*	33944	24	12	2	4	-	-	-	-	-	-	-	-	-	-	-	
St. John Marylebone *H*	33136	19	12	4	1	1	-	-	-	-	-	-	-	-	-	-	
Hampstead *WwHH*	32281	26	17	2	4	5	-	-	3	1	-	-	-	1	-	-	
Regent's Park Pancras	38200	27	11	3	1	-	-	-	-	2	-	-	-	-	-	-	
Tottenham-court *wHHH*	29370	20	16	4	2	-	-	-	-	-	-	-	-	-	-	-	
Gray's Inn Lane *HHH*	29221	17	21	6	6	-	-	-	-	2	-	-	-	-	1	4	
Somers Town	38533	25	13	1	5	-	-	-	-	3	-	-	-	-	-	-	
Camden Town *WH*	17943	26	15	6	3	-	-	-	-	-	1	-	-	-	1	2	
Kentish Town *w*	68198	65	25	10	6	1	-	-	-	-	-	2	-	-	-	-	
Islington West *HHH*	97820	91	49	14	13	3	1	1	-	1	-	3	1	1	1	4	
Islington East *WwwH*	115958	97	66	15	12	1	5	-	-	7	-	3	-	-	1	2	
Stoke Newington *H*	9841	14	5	1	1	-	-	-	-	-	-	-	-	-	-	-	
Stamford Hill	6598	6	3	-	3	-	-	-	-	-	-	-	-	-	-	-	
West Hackney	28069	27	4	2	2	-	-	-	-	-	-	-	-	-	-	-	
Hackney *WwwHL*	50104	38	50	7	12	7	1	2	1	-	-	2	-	-	2	5	1
South Hackney	30339	38	19	6	2	-	-	-	-	-	-	1	-	-	-	1	
Central Districts.																	
St. George Bloomsbury	17853	7	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
St. Giles South *WH*	19109	16	7	1	1	-	-	-	-	-	-	1	-	1	-	-	
St. Giles North	16594	8	4	2	-	-	-	-	-	-	-	-	-	-	-	-	
Long Acre	11379	5	3	-	1	-	-	-	-	-	-	-	-	-	-	1	
Charing Cross *HH*	9859	-	7	1	1	-	-	-	-	-	-	-	-	-	1	1	
St. Mary-le-Strand	9378	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Clement Danes *H*	10723	6	7	1	-	-	-	-	-	1	-	1	-	1	-	-	
St. George-the-Martyr *HHHHH*	20521	16	6	1	3	-	-	-	-	-	-	-	-	-	-	-	
St. Andrew Eastern *W*	13529	15	10	1	2	-	3	-	-	1	-	-	-	-	-	-	
Saffron Hill *H*	9066	5	7	3	1	-	-	1	-	-	-	-	-	-	-	-	
St. James Clerkenwell *W*	18917	16	16	6	2	-	4	1	-	-	-	-	-	-	-	-	
Amwell Clerkenwell	16884	10	10	3	1	-	-	-	-	1	-	-	-	-	2	2	
Pentonville	13337	13	6	1	3	-	-	-	-	-	-	-	-	-	-	1	
Goswell-street	16242	13	7	1	-	-	-	2	-	-	-	-	-	-	-	-	
Old-street *H*	12161	9	6	2	1	-	-	-	-	1	-	-	-	-	-	-	
City-road *HHL*	18301	17	10	1	4	-	-	1	-	-	-	-	-	-	-	1	
Whitecross-street	13792	16	3	1	1	-	-	-	-	-	-	-	-	-	1	2	
Finsbury	10741	5	3	-	1	-	1	-	-	-	-	-	-	-	-	1	
St. Botolph East London *H*	14540	6	5	2	3	-	-	-	-	-	-	-	-	-	-	-	
Cripplegate	13638	9	6	4	2	-	-	-	-	1	-	-	-	-	-	1	
St. Sepulchre *H*	7562	5	16	-	3	-	-	-	-	-	-	-	-	-	6	8	1
St. Bride *W*	11185	5	4	1	1	-	-	-	-	2	-	-	-	-	-	-	
Castle Baynard	4426	3	2	-	-	-	-	-	-	-	1	-	-	-	-	-	
Christchurch	6270	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Queenhithe	4753	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Allhallows Barking	5764	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Broad Street *H*	7845	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Note.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: *W*—Workhous *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see no at the foot of next page.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT urday, 23rd March 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
lywell Shoreditch	12430	6	5	-	1	-	-	-	-	1	-	-	-	-	-	-	-
Leonard Shoreditch *HL*†	16545	19	14	6	2	-	-	1	-	4	-	-	-	-	-	1	1
xton New Town *w*	27835	33	18	5	6	-	-	-	-	2	-	-	-	-	-	3	5
xton Old Town	26933	32	13	3	3	-	-	-	-	3	-	-	-	-	-	-	-
aggerston * *WH*	43421	46	24	9	4	-	-	1	-	2	-	1	-	1	-	-	6
ackney-road *H*	29822	26	13	3	3	-	-	-	-	1	-	-	-	-	1	1	1
een, Bethnal Green *WHL*†	42433	34	30	7	4	-	-	-	-	4	-	-	-	-	-	-	9
urch, Bethnal Green	26577	20	14	4	3	-	-	-	2	2	-	-	-	-	-	-	-
wn, Bethnal Green	21272	13	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-
italfields *H*	22499	12	7	2	-	-	-	-	-	1	-	-	-	-	1	1	-
le End New Town *W*	15550	15	9	1	2	-	-	-	-	-	-	-	-	-	-	-	5
hitechapel North	11597	14	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
hitechapel Church *H*	7322	6	17	-	3	-	-	-	-	-	-	-	-	1	4	4	15
odman's Fields	10381	6	6	4	-	-	-	-	-	-	-	-	-	-	-	1	-
dgate	9224	2	3	1	-	-	-	-	-	1	-	-	-	-	1	1	-
. Mary St. George East	17900	13	5	2	1	-	-	-	-	1	-	1	-	-	-	-	-
. Paul St. George East	21350	22	9	1	2	-	-	-	-	-	-	-	1	-	-	-	-
. John St. George East *W*	8802	4	9	1	4	-	-	-	-	-	-	-	-	-	-	-	8
adwell *H*	11640	7	10	-	2	-	-	-	-	1	-	-	-	-	1	2	3
tcliff	16131	11	7	2	2	-	-	-	-	1	-	-	-	-	-	-	-
mehouse	29919	27	11	6	1	1	1	-	-	-	-	-	-	-	-	-	-
le End Old Town Western	38128	19	23	6	1	-	-	-	-	3	-	1	-	1	1	1	-
le End Old Town Eastern *WwwH*	55024	53	32	8	5	-	-	-	-	7	-	-	-	-	-	-	1
w *wwwH*	67765	82	49	11	12	-	4	-	-	3	-	-	-	2	2	4	12
plar *WW*	48611	43	25	4	4	-	3	-	-	1	-	-	-	-	-	-	-
SOUTH DISTRICTS.																	
ristchurch Southwark *WH*	14573	13	5	1	4	-	-	-	-	-	-	-	-	-	-	-	4
. Saviour Southwark *H*	15677	10	3	-	-	-	2	-	-	-	-	-	-	-	-	-	-
nt-road	20421	18	9	2	2	-	-	-	-	3	-	-	-	-	-	-	-
rough-road *WH*	16695	14	9	1	1	-	-	1	-	2	-	-	-	-	-	-	1
ndon-road *HL*	18961	16	9	3	1	-	-	-	-	1	-	-	-	-	1	2	1
inity Newington	23682	20	13	3	1	-	-	-	-	4	-	-	-	-	-	-	-
. Peter Walworth *W*	48248	55	36	9	5	-	1	-	-	1	-	-	-	-	-	-	8
. Mary Newington	16792	19	6	2	2	-	-	-	-	-	-	-	-	-	1	1	-
. Olave Southwark *H*	4373	1	15	1	2	-	-	-	-	-	-	1	-	-	3	3	15
. John Horsleydown *W*	10500	13	10	5	1	-	-	-	-	5	-	-	-	-	-	-	4
ather Market	16787	10	4	2	-	-	-	-	-	1	-	-	-	-	-	-	-
. Mary Magdalen *W*	15709	18	7	2	2	-	-	-	-	2	-	-	-	-	-	-	1
. James Bermondsey	47933	51	22	4	2	-	-	-	-	6	-	1	-	-	-	-	-
therhithe *W*	27096	29	8	3	3	1	-	-	-	-	-	-	-	-	-	-	1
aterloo-road 1st *H*	14074	12	8	3	-	-	-	-	-	-	-	-	-	-	1	1	1
aterloo-road 2nd *H*	18465	20	10	1	1	-	-	-	-	1	-	-	-	-	-	-	-
mbeth Church 1st *H*	19492	10	10	-	2	-	-	-	-	-	-	1	-	-	2	2	6
mbeth Church 2nd *WW*	35833	35	35	10	10	-	-	-	-	5	-	-	-	1	2	2	14
nnington 1st	41286	44	14	1	2	1	-	-	-	2	-	-	-	-	-	-	-
nnington 2nd	31221	20	12	2	-	-	-	-	-	4	-	-	-	-	-	-	-
rixton *w*	35435	53	29	5	6	10	-	-	-	1	-	2	-	-	1	1	12
orwood *W*	12536	12	5	2	1	-	-	-	-	1	-	-	-	-	-	-	-
apham *H*	27347	21	14	2	5	-	-	-	-	-	-	-	-	1	-	-	1
ttersea *Ww*	54016	55	34	13	2	1	-	2	-	5	-	1	-	-	2	2	5
andsworth *HL*	19783	11	11	2	3	-	-	-	-	-	-	-	-	-	-	1	3
tney	9439	2	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
reatham	14475	13	6	2	1	-	1	-	1	-	-	-	-	-	-	-	-
lwich	4041	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
mberwell *WL*†*L*†	31254	26	18	4	6	-	-	-	-	-	-	-	-	-	1	1	3
ckham *W*	42160	42	20	3	3	-	-	-	-	2	-	-	-	-	-	1	-
George Camberwell	33851	40	12	5	2	-	-	-	-	-	-	-	-	-	-	-	-
Paul Deptford *w*	53714	53	27	6	6	1	-	1	-	2	-	-	-	-	-	1	-
Nicholas Deptford	6474	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
eenwich West	21034	21	9	4	2	-	2	1	-	-	-	-	-	-	-	-	-
eenwich East *WH*	19378	13	21	2	7	-	1	-	-	-	-	-	-	-	-	-	9
tham *H*	4539	1	3	1	-	-	-	1	-	-	-	-	-	-	-	-	-
s	16440	13	7	1	-	-	-	1	-	-	-	-	-	-	-	-	-
wisham Village *WH*	11513	11	5	2	2	-	-	1	-	-	-	-	-	-	-	-	-
lenham *H*	19065	16	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-
arlton *H*	9564	8	4	1	-	-	-	-	2	-	-	-	-	-	-	-	-
olwich Dockyard	17226	9	7	1	2	-	-	-	-	-	-	-	-	1	-	-	-
olwich Arsenal *WHH*	18331	12	13	2	4	-	-	-	2	-	-	1	-	-	-	-	-
mstead, West	13027	9	8	3	1	-	-	-	-	3	-	-	-	-	-	-	-
mstead, East *W*	15232	14	7	1	3	-	-	-	-	1	-	-	-	-	-	-	2

he following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the e Table by *w*:—

Central London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary " " "
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.
London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

The two sub-districts of Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston -district.

† Private Lunatic Asylums in which paupers are received.

Table 7. LONDON—OUTER RING.—Area; Population; Births and Deaths registered durin
Week ending Saturday, 23rd March 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The Deaths registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
	LONDON—OUTER RING	368,414	631,381	578	310	70	71	7	10	7	2	8	4	3	6	9
29 : 1	Carshalton *wL* - - -	12228	13523	10	8	2	4	-	-	-	-	-	-	-	-	-
2	Epsom (*part of*) * *WH* -	9971	9145	7	1	-	-	-	-	-	-	-	-	-	-	-
36 : 1	Godstone (*part of*) * - -	2754	900	2	-	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	68	32	6	7	-	2	3	1	1	-	-	1	1
2	Mitcham *WH* - - -	11697	12534	10	5	2	2	-	-	-	-	-	-	-	-	-
38 : 1	Wimbledon *HH* - -	3220	9087	9	7	1	2	-	-	-	-	-	-	-	-	-
2	Kingston *WH* - - -	8549	27489	20	8	2	3	-	-	-	-	2	-	-	-	1
3	Esher (*part of*) * - -	6601	7353	7	1	-	1	-	-	-	-	-	-	-	-	-
4	Hampton - - - -	4573	10185	6	3	2	-	-	-	-	-	-	-	-	-	-
39 : 1	Richmond *WH* - - -	2271	16829	16	6	1	3	-	-	-	-	-	-	-	-	-
2	Mortlake - - - -	2961	9316	6	5	1	1	-	-	-	-	-	-	-	-	-
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	12	12	3	2	-	-	-	-	-	-	-	1	1
2	Chislehurst (*part of*) * *W* -	13665	10028	11	4	1	1	-	-	-	-	-	-	-	-	-
41 : 1	Bexley *H* - - - -	13439	19566	17	9	2	1	-	-	-	-	-	-	-	-	-
123 : 1	Sunbury *W* - - -	11055	9860	7	5	1	1	-	-	-	-	-	-	-	-	-
2	Staines *W* - - - -	13277	10339	8	4	3	1	-	-	-	-	-	-	-	-	1
124 : 1	Hillingdon *WH* - - -	6029	9712	8	3	1	2	-	-	-	-	-	-	-	-	-
2	Uxbridge - - - -	6178	5329	2	-	-	-	-	-	-	-	-	-	-	-	-
3	Hayes *WL* - - - -	14587	10497	6	11	-	4	-	-	-	-	-	-	-	-	-
125 : 1	Isleworth *W* - - -	7008	19930	5	9	-	5	-	-	-	-	-	-	1	-	-
2	Twickenham - - -	2477	10533	5	3	2	1	-	-	-	-	-	-	-	-	-
3	Brentford *HL* - - -	4370	20279	23	3	-	1	-	1	-	-	-	-	-	-	-
4	Chiswick - - - -	1311	8508	9	8	2	1	-	-	-	-	-	-	-	-	-
5	Acton *WH* - - - -	6087	12683	12	8	3	1	-	2	-	-	1	-	-	-	-
126 : 1	Harrow *H* - - - -	13809	10869	13	3	-	-	-	-	-	-	-	-	-	-	-
2	Edgware *H* - - -	6994	3450	1	2	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	12	9	6	1	-	-	-	-	-	1	1	-	-
4	Hendon *WH* - - -	8382	6972	3	4	-	-	-	2	-	-	-	-	-	1	1
127 : 1	South Mimms - - -	15419	5924	5	3	1	1	-	-	-	-	-	-	-	-	-
2	Barnet *W* - - - -	5423	7752	12	5	-	1	-	-	-	-	-	-	-	1	1
3	Finchley *L* - - - -	4688	11493	9	7	-	2	-	1	-	-	-	-	-	-	-
128 : 1	Hornsey *H* - - - -	3039	19357	16	9	1	1	-	-	-	1	-	-	-	-	-
2	Tottenham *H* - - -	4642	22869	35	18	6	5	-	-	-	-	-	-	-	1	1
3	Edmonton *WW* - - -	7483	13860	10	5	-	2	1	-	-	-	-	-	-	-	1
4	Enfield *WH* - - -	12653	16054	12	5	1	1	-	-	-	-	-	-	-	-	-
5	Waltham Abbey - - -	11017	5197	-	3	1	-	-	1	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	8	2	-	1	-	-	-	-	-	-	-	-	-
134 : 1	Hatfield (*part of*) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	2	4	-	-	-	-	-	-	-	-	-	-	-
185 : 1	Stratford - - - -	882	23286	23	14	4	-	-	-	2	-	-	-	-	-	-
2	West Ham *WWWW* - -	7345	44642	72	33	6	3	5	-	2	-	3	3	-	1	1
3	Leyton *WW* - - -	4274	15513	14	12	1	4	1	-	-	-	-	-	-	-	-
4	Walthamstow *H* - -	6619	15701	13	10	3	4	-	1	-	-	1	-	1	-	-
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	9	2	1	1	-	-	-	-	-	-	-	-	-
188 : 1	Romford (*part of*) * - -	6730	2879	2	1	1	-	-	-	-	-	-	-	-	-	-
2	Ilford - - - - -	8492	5947	6	1	-	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	15	3	3	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as foll
29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Go
sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, exce
two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop
134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoydo
(pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 23rd March, 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Deaths in Public Institutions.
ATER LONDON	446,494	4,450,015	23·3	3·7	1986	456	412	49	44	29	15	132	33	16	59	379
NNER LONDON -	78,080	3,577,304	24·5	4·0	1676	386	341	42	34	22	13	124	29	13	53	333
UTER RING -	368,414	872,711	18·5	2·5	310	70	71	7	10	7	2	8	4	3	6	46

TE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal ·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area ,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres ich 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than les to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,759,796 Persons.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	February	16	-	257	31·2	Enteric and simple fevs. 61; cholera 22; sm.-px. 15.
BOMBAY - -	644,405	„	12	-	566	45·7	Remittent fever 212; measles 35; cholera 21.
MADRAS - -	397,552	January	25	280	645	84·3	Small-pox 17; fevers 176; dysentery 156.
PARIS - -	1,988,806	March	21	-	1031	27·0	Typhoid fever 14; croup 29; diphtheria 31.
GENEVA - -	68,792	„	16	35	38	28·8	—
BRUSSELS - -	175,782	„	16	128	112	33·2	Measles 5; diphtheria 2.
AMSTERDAM -	302,266	„	16	224	150	25·8	Whooping-cough 9.
ROTTERDAM -	142,585	„	16	90	82	29·9	Whooping-cough 4.
THE HAGUE -	107,896	„	16	80	62	29·9	—
COPENHAGEN -	220,000	„	12	166	94	22·3	Typhoid fever 3; dysentery 2.
STOCKHOLM -	146,845	„	9	-	54	19·1	Typhoid fever 2; scarlet fever 1.
CHRISTIANIA -	105,000	„	16	119	47	23·3	Diphtheria and croup 2.
ST. PETERSBURGH	669,741	„	9	-	776	60·1	Typhus and typhoid fev. 180; small-pox 11.
BERLIN - -	1,019,620	„	2	838	541	27·6	Scarlet fev. 11; diph. 24; typhus & typhd. fev. 7.
HAMBURG (State)	406,104	„	9	303	212	27·2	Whooping-cough 10; diphtheria and croup 9.
DRESDEN - -	207,845	„	9	158	101	25·3	Diphtheria and croup 5; scarlet fever 3.
BRESLAU - -	267,000	„	16	164	140	27·3	Fevers 5.
MUNICH - -	222,000	„	16	180	191	45·0	Diphtheria and croup 7; whooping-cough 3.
VIENNA - -	727,271	„	16	527	464	33·2	Small-pox 12; diphtheria 22.
BUDA-PESTH -	319,530	„	9	299	247	40·2	Scarlet fever 12; diphtheria 17; small-pox 3.
ROME - -	282,214	February	16	171	221	40·9	Diphtheria and croup 3.
NAPLES - -	457,407	„	11	-	-	-	—
TURIN - -	227,843	March	9	150	147	33·7	Typhus and typhd. fev. 5; diphth. and croup 11.
VENICE - -	139,796	„	9	67	95	35·5	—
ALEXANDRIA -	212,034	„	14	170	119	29·3	Small-pox 1; diphtheria 3; whooping-cough 2.
NEW YORK -	1,083,371	February	23	-	524	25·2	Scarlet fever 22; diphtheria 21; croup 19.
BROOKLYN -	549,438	„	23	-	184	17·4	Scarlet fever 9; diphtheria 8; croup 5.
PHILADELPHIA -	876,118	March	2	-	312	18·6	Scarlet fever 11; diphtheria 10; typhd. fev. 9.
BOSTON - -	363,000	February	23	-	140	20·0	Diphtheria 5.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 23rd MARCH, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Difference. Between Dew Point Temperature and Air Temperature. Greatest.	Difference. Between Dew Point Temperature and Air Temperature. Least.	Difference. Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. Osler's. General Direction. P.M	Wind. Osler's. Pressure on square foot. Greatest.	Wind. Osler's. Pressure on square foot. Least.	Wind. Osler's. Pressure on square foot. Mean of 24 Obs.	Wind. Robinson's. Amount of Horizontal Movement of Air each day.	Wind. Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
MARCH.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN.	17	..	30·357	49·9	25·1	24·8	37·2	32·6	84·3	16·7	47·3	45·3	4·6	13·0	1·3	− 4·4	83	WSW.	N. & NW.	1·9	0·0	0·1	210	− 95	0·00	2·0
MON.	18	Perigee. In Equator Full.	30·115	53·1	39·1	14·0	46·9	41·0	63·4	32·1	47·3	45·3	5·9	10·4	0·5	+ 5·2	80	WNW. & NW.	NNW.	6·6	0·0	0·5	307	− 3	0·00	0·0
TUES.	19	..	30·137	51·7	46·6	5·1	48·3	42·4	58·7	43·7	47·3	45·3	5·9	7·6	3·4	+ 6·6	80	NNW.	N. & NNE.	0·5	0·0	0·0	188	−126	0·00	0·0
WED.	20	..	30·241	54·6	44·7	9·9	48·3	41·2	72·2	41·7	47·1	44·8	7·1	13·2	3·5	+ 6·6	76	W. & WSW.	WSW. & NW.	0·7	0·0	0·0	172	−144	0·00	0·0
THURS.	21	..	30·066	53·1	43·9	9·2	48·3	36·5	70·8	40·2	47·3	45·3	11·8	15·8	4·4	+ 6·5	64	WSW.	WNW. & W.	1·0	0·0	0·1	249	− 66	0·00	0·0
FRI.	22	..	29·783	46·0	33·7	12·3	39·1	30·6	94·0	25·4	47·1	45·3	8·5	11·5	6·0	− 2·8	72	NW. NNW. & N.	N. & NNE.	1·5	0·0	0·2	243	− 69	0·00	0·0
SAT.	23	..	29·554	45·3	27·9	17·4	35·1	25·2	92·9	20·9	46·7	44·7	9·9	21·1	0·0	− 6·9	67	N. & NNW.	NW. & W.	2·1	0·0	0·3	284	− 17	0·00	0·0
MEANS		..	30·036	50·5	37·3	13·2	43·3	35·6	76·6	31·5	47·2	44·1	7·7	13·2	2·7	+ 1·5	75	W. & NW.		..	..	..	Sum 1653	Sum −520	Sum 0·00	0·3
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. March.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY	17	The electrical apparatus was not in action throughout the week.	1·1	11·9	Fog in morning. Generally cloudy.
MONDAY	18		0·0	12·0	Overcast. Slight rain in evening.
TUESDAY	19		0·0	12·0	Overcast. Slight fog.
WEDNESDAY	20		0·0	12·1	Overcast generally.
THURSDAY	21		0·0	12·2	Overcast generally.
FRIDAY	22		2·0	12·2	Fine; generally cloudy.
SATURDAY	23		6·8	12·3	Fine. The amount of cloud was variable. Hoar frost.
..		..	Sum 9·9	Sum 84·7	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and − "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 30·47 in. at the beginning of the week to 30·07 in. by 9h. P.M.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 13. 1878. Vol. XXXIX.] Week ending Saturday, March 30. [Price 1½*d.*

General Register Office, Somerset House,
April 1st, 1878.

United Kingdom.

During last week 5957 *births* and 4220 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The natural increase of population was 1737. The mortality from all causes was at the average rate of 26 deaths annually in every 1000 persons living. The annual death-rate was 27 per 1000 in Edinburgh, 28 in Glasgow, and 29 in Dublin. Small-pox caused 7 deaths in Dublin against 7 and 12 in the two previous weeks.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Portsmouth 16, Leeds 20, Norwich 20, Salford 22, Sheffield 24, Bristol 24, Bradford 25, Leicester 25, Newcastle-upon-Tyne 26, Nottingham 26, London 26, Hull 26, Wolverhampton 27, Manchester 29, Sunderland 29, Liverpool 30, Oldham 31, Birmingham 31, Plymouth 32, and the highest rate 32 in Brighton. The annual death-rate from the seven principal zymotic diseases averaged 3·9 per 1000 in the twenty towns, and ranged from 1·0 and 1·1 in Leeds and Hull, to 4·9 and 5·8 in London and Oldham. Whooping-cough was fatally prevalent in London, and measles in Plymouth and Oldham. Small-pox caused 48 deaths in London, but not one in any of the nineteen large provincial towns. Three more deaths from measles occurred in the Manchester Workhouse at Crumpsall, making 14 deaths from this disease registered there since the beginning of the year; during last year 42 fatal cases of measles occurred in this workhouse.

London.

In London 2391 births and 1766 deaths were registered. Allowing for increase of population, the births were 145 below, whereas the deaths exceeded by 19, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two preceding weeks had been equal to 22·3 and 24·5 per 1000, further rose last week to 25·8. The increase was due to the cold.

The 1766 deaths included 48 from small-pox, 35 from measles, 47 from scarlet fever, 12 from diphtheria, 158 from whooping-cough, 28 from different forms of fever, and 11 from diarrhœa; thus to the seven principal diseases of the zymotic class 339 deaths were referred, against 243 and 277 in the two preceding weeks. These 339 deaths were 96 above the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 4·9 per 1000. Whooping-cough was more fatal last week in London than in any previous week since 1839, and caused 158 deaths, against 84 and 124 in the two preceding weeks; 36 occurred in the East, and 59 in the South groups of districts; the disease showed especial fatality in Kensington, Islington, Bethnal Green, Whitechapel, Bermondsey, and Lambeth. The 47 fatal cases of scarlet fever showed a marked increase, and included 6 in Islington, 4 in Bow, 5 in Lambeth, and 6 in Eltham, Lee, and Lewisham. Of the 12 deaths from diphtheria, 3 more occurred in Hampstead and 2 in Bethnal Green. Eight of the 35 deaths from measles were returned in Islington. The deaths referred to fever, which had been 27 and 29 in the two previous weeks, were 28 last week, and were 5 below the corrected average weekly number; 3 were fatal cases of typhus, 23 of enteric or typhoid, and 2 of simple continued fever. The 3 deceased typhus patients had resided at:—74, Gough Street, Poplar (this case was certified as cerebro-spinal fever); at 1, Matilda Place, Bermondsey; and at 53, Camelia Road, Bermondsey. The 23 deaths from enteric fever included 2 in Hampstead, 4 in Shoreditch, and 2 in Newington.

The deaths from small-pox, which had been 53 and 42 in the two preceding weeks, were 48 last week, of which 29 were recorded in the Metropolitan Asylum

Hospitals and 3 in the Highgate Small-pox Hospital, while the remaining 16 occurred in private dwelling-houses. Five of the deceased small-pox patients had resided in Pancras, 6 in Islington, 3 in St. George-in-the-East, 8 in Stepney, 6 in Mile End Old Town, and 3 in Lambeth; 21 belonged to the East, and 14 to the North groups of districts. The death of the daughter of a mercantile clerk, aged 4 years, at 24, Albert Road, Upper Holloway, on 27th ulto., was the subject of an inquest, and the cause of death entered upon the coroner's certificate, was "confluent small-pox; neglect of father to have the deceased vaccinated." Of the 48 fatal cases of small-pox, 23 were certified as unvaccinated and 9 as vaccinated; in the remaining 16 cases the medical certificates did not give any information as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which in the three previous weeks had been 667, 638, and 642, rose last week to 682, a higher number than in any week since June last; the number of new cases admitted during the week was 209, against 119 and 134 in the two previous weeks. The Highgate Small-pox Hospital contained 59 patients on Saturday last; the numbers on the two preceding Saturdays were 59 and 51.

In Belgrave sub-district the death of a retired army officer was referred to "yellow fever 16 days, post mort."; the disease is said to have been contracted on board the mail steamer from Rio Janeiro.

The deaths referred to diseases of the respiratory organs, which in the two previous weeks had been 340 and 402, further rose last week to 421, of which 253 resulted from bronchitis and 121 from pneumonia.

Different forms of violence caused 57 deaths; 48 were the result of negligence or accident, including 23 from fractures and contusions, 7 from burns and scalds, 4 from drowning, and 12 of infants under one year of age from suffocation. The 23 deaths from fractures and contusions were thus caused:—male aged 27, run over by a dray; male 11, run over by a cart; male 45, fell from a van; male 53, by the up-turning of a cart; males 17, 32, 34, and 38, run over on railway; male 46, run over on the South Eastern Railway; females 72 and 69, by fall down stairs; males 68 and 28, by fall from ladders; males 52 and 13, by fall from scaffolding; male 4, by fall from a window; male 54, by fall into the basement of a house; male 18, by fall from a height at the West India Docks; male 75, by fall whilst running; male 4, by fall on pavement whilst playing; female 58, by concussion of spine (how not stated); female 62, by fall (how not stated); and female 61, by fracture of rib (how not stated). An inquest was held in each of these cases, except the last, which was certified by a registered medical practitioner.

Greater London.

In Greater London 2886 births and 2056 deaths were registered, equal to annual rates of 33·8 and 24·1 per 1000 of the population. In the Outer Ring 2 deaths were referred to small-pox in Stratford, one in Bexley, and one in Waltham Abbey sub-districts. Scarlet fever caused 4 deaths at Enfield Highway.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 34, Bombay 44, Madras 62; Paris 27; Geneva 29; Brussels 37; Amsterdam 31, Rotterdam 33, The Hague 27; Copenhagen 22; Stockholm 24; Christiania 21; St. Petersburgh 59; Berlin 26, Hamburg 29, Dresden 33, Breslau 28, Munich 43; Vienna 34, Buda-Pesth 46; Rome 42, Naples 42, Turin 29, Venice 38; New York 25, Brooklyn 18, Philadelphia 19, and Boston 19.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·43 in., the highest reading was 29·91 in. on Tuesday morning, and the lowest 29·01 in. on Friday morning. The mean temperature of the *air* was 35°·5, and 7°·3 below the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was considerably below the average on each day of the week; the coldest day was Friday, when the mean was so low as 33°·4, and showed a deficiency of 9°·9. The lowest night temperature was 24°·3 on Sunday, and the highest day temperature in the shade 48°·5 on Wednesday; the extreme range in the week was, therefore, 24°·2. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 99°·5 on Sunday. The difference between the mean *dew-point* and *air* temperature averaged 7°·0. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police ship, was 44°·0. The mean degree of *humidity* of the air was 76, complete saturation being represented by 100; the air was, therefore, dry. The direction of the *wind* was variable, and the horizontal movement of the air averaged 15·9 miles per hour, which was 3·4 above the average in the corresponding week of 16 years. *Rain* and melted snow were measured on six days of the week, to the aggregate amount of 0·71 of an inch. The duration of registered sunshine in the week was 18·2 hours, the sun being above the horizon during 88·0 hours; the recorded duration of sunshine was, therefore, equal to 21 per cent. of its possible duration.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 30th March, 1878.

CITIES AND BOROUGHS. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 30th March, 1878.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
In 23 TOWNS in the UNITED KINGDOM	220,845	8,373,953	37·9	5957	4220	53·4	22·0	35·8	2·12	0·39	0·99
LONDON	75,362	3,577,304	47·5	2391	1766	48·5	24·3	35·5	1·95	0·71	1·80
BRIGHTON	2,354	103,923	44·1	58	64	48·0	25·5	35·1	1·73	0·73	1·85
PORTSMOUTH	4,486	129,461	28·9	65	39	49·5	30·0	37·3	2·95	0·50	1·27
NORWICH	7,472	84,620	11·3	51	32	45·5	28·2	35·4	1·89	0·22	0·56
PLYMOUTH	1,395	73,599	52·8	42	45	50·0	29·0	38·9	3·83	0·39	0·99
BRISTOL	4,452	206,419	46·4	152	96	53·4	27·1	36·4	2·44	0·51	1·30
WOLVERHAMPTON	3,396	74,240	21·9	62	39	45·4	23·6	33·0	0·56	0·39	0·99
BIRMINGHAM	8,400	383,117	45·6	339	230	–	–	–	–	–	–
LEICESTER	3,200	121,473	38·0	109	58	46·8	25·0	35·2	1·78	0·40	1·02
NOTTINGHAM	9,960	165,267	16·6	96	81	48·0	22·0	34·5	1·39	0·25	0·63
LIVERPOOL	5,210	532,681	102·2	387	308	44·5	30·0	36·0	2·22	0·57	1·45
MANCHESTER	4,293	360,514	84·0	261	197	–	–	–	–	–	–
SALFORD	5,170	170,251	32·9	123	71	49·4	23·0	34·2	1·22	0·27	0·69
OLDHAM	4,666	107,366	23·0	83	63	–	–	–	–	–	–
BRADFORD	7,220	185,088	25·6	146	88	46·0	26·9	34·7	1·50	0·19	0·48
LEEDS	21,572	304,948	14·1	224	114	47·0	27·0	35·6	2·01	0·20	0·51
SHEFFIELD	19,651	289,537	14 7	223	131	46·0	28·0	35·6	2·01	0·36	0·91
HULL	3,635	143,139	39·4	110	71	45·0	27·0	34·7	1·50	0·65	1·65
SUNDERLAND	3,306	112,459	34·0	115	63	47·0	28·0	36·5	2·50	0·40	1·02
NEWCASTLE-ON-TYNE	5,371	144,570	26·9	121	71	–	–	–	–	–	–
EDINBURGH	4,191	222,371	53·1	149	116	44·2	24·5	34·6	1·45	0·25	0·63
GLASGOW	6,033	566,940	94·0	382	304	46·5	27·7	37·3	2·95	0·04	0·10
DUBLIN	10,050	314,666	31·3	268	173	49·8	26·6	39·0	3·89	0·31	0·79

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.

† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday, the 30th March, 1878.

BOROUGHS, &c. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
				Deaths of		Deaths from									
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
In 20 TOWNS	26·0	3·9	3627	822	717	48	93	86	22	217	50	32	120	224	600
LONDON	25·8	4·9	1766	390	357	48	35	47	12	158	28	11	57	118	334
BRIGHTON	32·1	2·0	64	10	24	–	–	–	–	4	–	–	1	3	15
PORTSMOUTH	15·7	2·0	39	8	11	–	–	–	–	3	–	2	–	3	3
NORWICH	19·7	1·2	32	7	14	–	–	1	–	1	–	–	–	1	3
PLYMOUTH	31·9	3·5	45	7	9	–	4	–	–	1	–	–	1	1	3
BRISTOL	24·3	1·5	96	18	27	–	2	–	–	2	2	–	3	6	24
WOLVERHAMPTON	27·4	2·8	39	12	9	–	–	1	–	3	–	–	2	3	10
BIRMINGHAM	31·3	4·5	230	61	29	–	2	9	2	11	5	4	10	24	34
LEICESTER	24·9	2·1	58	14	12	–	1	–	–	2	1	1	–	1	4
NOTTINGHAM	25·6	1·9	81	21	20	–	3	–	–	2	–	1	2	2	7
LIVERPOOL	30·2	3·6	308	69	43	–	20	1	4	6	4	2	16	17	61
MANCHESTER	28·5	3·5	197	35	37	–	8	1	2	6	3	4	8	18	43
SALFORD	21·8	3·1	71	23	5	–	3	1	1	2	1	2	1	2	3
OLDHAM	30·6	5·8	63	13	6	–	7	1	–	4	–	–	2	2	4
BRADFORD	24·8	2·3	88	16	21	–	–	3	–	4	–	1	3	4	8
LEEDS	19·5	1·0	114	33	23	–	1	–	1	–	2	2	3	6	8
SHEFFIELD	23·6	4·5	131	28	25	–	3	17	–	2	2	1	2	2	11
HULL	25·9	1·1	71	15	20	–	1	–	–	–	2	–	2	1	11
SUNDERLAND	29·2	3·7	63	20	16	–	2	2	–	4	–	–	4	5	3
NEWCASTLE-ON-TYNE	25·6	2·2	71	22	9	–	1	2	–	2	–	1	3	5	11
DUBLIN	28·7	3·6	173	30	42	7	1	–	–	10	–	4	4	2	51

Table 3. LONDON.—**Births** and **Deaths** Registered last Week, and in the Thirteenth Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
Total **Births**	2308	2319	2421	2284	2250	2481	2086	2493	2629	2429	2370·0	2391
Males . .	1170	1132	1247	1145	1151	1263	1119	1331	1364	1229	1215·1	1210
Females .	1138	1187	1174	1139	1099	1218	967	1162	1265	1200	1154·9	1181
Total **Deaths**	1320	1670	1625	1564	1641	1540	1349	1873	1696	2052	1633·0	1766
Males . .	670	838	832	784	822	766	671	919	855	1077	823·4	894
Females .	650	832	793	780	819	774	678	954	841	975	809·6	872

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77, after raising the average by 7 per cent. for increase of population.

Table 4. LONDON.—Deaths and Meteorology in the Last Thirteen Weeks.

	Jan. 5.	Jan. 12.	Jan. 19.	Jan. 26.	Feb. 2.	Feb. 9.	Feb. 16.	Feb. 23.	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.
Total **Deaths** - - -	1892	1760	1903	1864	1703	1813	1927	1756	1637	1580	1526	1676	1766
0—20 - -	911	867	918	899	788	855	896	839	823	807	767	854	899
20—40 - -	244	230	240	203	248	245	246	212	202	216	196	198	214
40—60 - -	317	288	298	335	276	305	331	263	254	249	245	283	296
60—80 - -	345	309	373	359	320	326	376	358	297	260	257	276	295
at 80 years & upwds.	75	66	74	68	71	82	78	84	61	48	61	65	62
Deaths of children: Under 1 year -	436	380	416	409	318	393	412	397	381	370	352	386	390
Deaths of children: 1—5 - -	378	363	397	365	342	344	340	326	333	331	301	351	368
Deaths of children: 5—20 - -	97	124	105	125	128	118	144	116	109	106	114	117	141
Deaths from 7 principal Zymotic Diseases	292	299	291	304	266	306	295	257	288	259	243	277	339
" " Small-pox -	26	35	51	34	38	55	47	39	54	34	53	42	48
" " Measles - -	104	97	77	63	56	40	43	40	41	46	32	34	35
" " Scarlet fever -	31	39	35	39	43	37	32	34	35	35	28	22	47
" " Diphtheria -	5	9	5	6	9	10	5	9	8	7	6	13	12
" " Whooping-cough	89	69	94	117	89	114	124	100	112	102	84	124	158
" " Typhus fever -	1	7	4	3	5	3	2	5	5	6	9	2	3
" " Enteric (or Typhoid) fever -	23	19	15	23	12	21	24	16	18	17	16	25	23
" " Simple Contd fever	4	7	2	6	3	4	4	3	4	5	2	2	2
" " Diarrhœa - -	9	17	8	13	11	22	14	11	11	7	13	13	11
" " Simple Cholera -	1	–	–	–	1	–	–	–	–	–	–	1	–
" " Dis. of Respiratory Organs -	535	464	541	455	448	502	544	475	413	362	340	402	421
" " Phthisis - -	167	177	168	174	167	166	199	168	156	162	174	154	169
" " Heart Diseases -	99	100	103	121	111	95	112	108	94	75	86	89	118
Violent Deaths - - -	67	65	71	56	53	48	61	60	48	51	35	53	57
Inquest Cases - - -	136	134	137	97	95	96	127	115	106	96	72	98	118
Deaths in Public Institutions	301	302	358	336	324	332	387	353	290	293	294	333	334
Temperature of the Air:													
Mean - - - -	43°·9	36°·9	42°·9	42°·3	36°·2	35°·1	42°·6	46°·5	48°·7	46°·6	40°·5	43°·3	35°·5
Mean of Highest readings -	47·1	41·1	47·9	46·7	40·8	38·5	48·0	52·7	53·4	53·1	48·3	50·5	44·6
Mean of Lowest readings -	39·7	32·5	36·8	37·5	31·0	31·9	36·4	41·5	44·4	41·3	33·7	37·3	29·1
Mean Temperature of the Water of the Thames -	40·6	41·9	39·8	43·0	39·8	38·1	39·6	45·1	47·0	49·1	47·0	45·7	44·0
Humidity of the Air - -	91	82	83	80	87	92	91	83	81	72	74	75	76
Rain-fall in inches - -	0·48	0·02	0·02	0·11	0·42	0·05	0·80	0·03	0·34	0·00	0·09	0·00	0·71
Registered Sunshine (in hours)	3·5	8·1	6·5	11·6	11·8	3·8	8·2	15·8	4·2	19·4	19·1	9·9	18·2

Meteorological Observations. (*See* Table **1.**)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTEENTH Week of the Year 1878.

CAUSES OF DEATH.	Average in the Thirteenth Weeks of the 10 years 1868–77.*	In the Week ending Saturday, March 30, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature	43·7°	Mean Tem. 35·5°							
ALL CAUSES	1633·0	1766	390	368	141	214	296	295	62
SPECIFIED CAUSES	1626·0	1764	388	368	141	214	296	295	62
I. ZYMOTIC.									
ORDER 1.									
1. Small-pox	37·3	48	7	9	13	12	6	1	-
2. Measles	37·9	35	9	21	4	1	-	-	-
3. Scarlet Fever	29·6	47	-	29	15	2	1	-	-
4. Diphtheria	6·3	12	-	8	3	-	1	-	-
5. Quinsy	·5	3	-	1	1	1	-	-	-
6. Croup	12·9	11	-	11	-	-	-	-	-
7. Whooping-cough	72·1	158	59	95	4	-	-	-	-
8. Typhus	30·9 (Enteric or Typhoid Fev.)	3	-	-	1	2	-	-	-
		23	-	2	13	2	5	1	-
9. Simple continued Fev.		2	-	-	1	1	-	-	-
10. Erysipelas	6·5	6	1	-	1	1	1	2	-
11. Puerperal Fev. (Metria)	4·1	5	-	-	1	4	-	-	-
12. Carbuncle	1·1	-	-	-	-	-	-	-	-
13. Influenza	1·2	-	-	-	-	-	-	-	-
14. Dysentery	1·6	-	-	-	-	-	-	-	-
15. Diarrhœa	12·8	11	7	2	-	1	1	-	-
16. Simple Cholera	—	-	-	-	-	-	-	-	-
17. Ague	·3	-	-	-	-	-	-	-	-
18. Remittent Fever	·5	2	-	-	1	1	-	-	-
19. Rheumatism	9·8	12	-	-	2	6	2	2	-
20. Other *Zymotic* Diseases	·1	3	1	-	-	1	1	-	-
ORDER 2.									
1. Syphilis	8·0	9	7	1	-	1	-	-	-
2. Stricture of Urethra	·9	1	-	-	-	-	1	-	-
3. Hydrophobia	—	-	-	-	-	-	-	-	-
4. Glanders	—	-	-	-	-	-	-	-	-
ORDER 3.									
1. Privation	1·1	-	-	-	-	-	-	-	-
2. Want of Breast-milk	7·7	9	9	-	-	-	-	-	-
3. Purpura and Scurvy	2·3	4	1	2	-	1	-	-	-
4. Alcoholism: *a* Del. Tremens	1·8	1	-	-	-	-	-	1	-
b Intemperance	·9	1	-	-	-	-	-	1	-
ORDER 4.									
1. Thrush	1·4	1	1	-	-	-	-	-	-
2. Worms, &c.	·1	1	-	-	1	-	-	-	-
II. CONSTITUTIONAL.									
ORDER 1.									
1. Gout	3·4	3	-	-	-	-	2	-	1
2. Dropsy	11·3	2	-	-	-	-	2	-	-
3. Cancer	35·8	39	-	-	-	4	14	20	1
4. Cancrum Oris (Noma)	·3	2	-	1	1	-	-	-	-
5. Mortification	4·1	2	-	-	-	-	-	2	-
ORDER 2.									
1. Scrofula	8·6	16	6	7	2	-	1	-	-
2. Tabes Mesenterica	20·5	31	12	15	3	-	1	-	-
3. Phthisis	188·7	169	5	5	19	81	52	6	1
4. Hydrocephalus	35·4	25	8	13	4	-	-	-	-
III. LOCAL.									
ORDER 1.									
1. Cephalitis	22·0	23	3	13	5	1	1	-	-
2. Apoplexy	42·7	45	2	1	1	2	15	19	5
3. Paralysis	32·3	33	-	-	-	1	9	21	2
4. Insanity	3·0	1	-	-	-	-	1	-	-
5. Chorea	·2	1	-	1	-	-	-	-	-
6. Epilepsy	7·7	11	-	-	1	2	4	4	-
7. Convulsions	64·9	51	40	11	-	-	-	-	-
8. *Brain Disease, &c.*	20·9	21	2	1	1	2	5	10	-
ORDER 2.									
1. Pericarditis	3·0	3	-	-	2	1	-	-	-
2. Aneurism	2·8	6	-	-	-	2	3	1	-
3. *Heart Disease, &c.*	83·1	109	2	1	9	17	34	39	7
ORDER 3.									
1. Laryngitis	15·0	10	5	4	-	1	-	-	-
2. Bronchitis	257·0	253	51	49	7	9	43	82	12
3. Pleurisy	3·2	4	-	3	-	-	-	1	-
4. Pneumonia	104·1	121	21	40	9	16	23	10	2
5. Asthma	12·2	8	-	-	-	1	4	3	-
6. *Lung Disease, &c.*	21·0	25	6	5	1	-	7	6	-
ORDER 4.									
1. Gastritis	1·3	1	-	-	-	-	-	1	-
2. Enteritis	7·1	6	5	-	-	-	1	-	-
3. Peritonitis	5·0	3	-	-	1	1	-	1	-
4. Ascites	1·3	2	-	-	-	-	-	2	-
5. Ulceration of Intestines	2·9	2	-	-	1	-	1	-	-
6. Hernia	4·0	5	1	-	-	-	2	1	1
7. Ileus	4·2	3	1	-	-	-	2	-	-
8. Intussusception	1·7	1	-	-	-	1	-	-	-
9. Stricture of Intestines	1·6	1	1	-	-	-	-	-	-
10. Fistula	·2	1	-	-	-	-	1	-	-
11. *Stomach Disease, &c.*	5·8	3	1	-	-	-	1	1	-
12. *Pancreas Disease, &c.*	·1	-	-	-	-	-	-	-	-
13. Hepatitis	4·1	3	-	-	-	1	1	1	-
14. Jaundice	3·3	5	1	-	-	-	1	2	1
15. *Liver Disease, &c.*	19·4	24	-	-	-	4	12	8	-
16. *Spleen Disease, &c.*	·3	-	-	-	-	-	-	-	-
ORDER 5.									
1. Nephritis	2·0	4	-	-	1	1	1	1	-
2. Ischuria	·3	-	-	-	-	-	-	-	-
3. Bright's Dis. (Nephria)	12·4	18	-	1	-	5	9	3	-
4. Diabetes	2·3	3	-	-	-	2	-	1	-
5. Calculus (Stone)	·9	2	-	-	-	-	1	1	-
6. Cystitis	1·4	1	-	-	-	-	-	1	-
7. *Kidney Disease, &c.*	9·3	10	-	-	-	2	3	5	-
ORDER 6.									
1. Ovarian Dropsy	·4	-	-	-	-	-	-	-	-
2. *Uterus Disease, &c.*	4·6	8	-	-	-	2	3	3	-
ORDER 7.									
1. Synovitis (Arthritis)	·4	-	-	-	-	-	-	-	-
2. *Joint Disease, &c.*	7·2	5	-	-	2	1	2	-	-
ORDER 8.									
1. Phlegmon	3·1	5	1	1	-	2	1	-	-
2. Ulcer	1·1	-	-	-	-	-	-	-	-
3. *Skin Disease, &c.*	1·2	2	1	-	-	-	-	1	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth	20·4	32	32	-	-	-	-	-	-
2. Cyanosis	3·6	1	1	-	-	-	-	-	-
3. Spina Bifida	1·0	1	1	-	-	-	-	-	-
4. Other Malformations	1·6	2	2	-	-	-	-	-	-
5. Teething	20·1	14	10	4	-	-	-	-	-
ORDER 2.									
1. Paramenia	—	1	-	-	-	-	1	-	-
2. Childbirth (*see* Puerperal Fever)	4·8	6	-	-	2	3	1	-	-
ORDER 3.									
1. Old Age	59·3	51	-	-	-	-	-	22	29
ORDER 4.									
1. Atrophy and Debility	60·2	59	48	8	1	-	-	2	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	18·6	23	-	2	4	5	6	6	-
2. Wounds: Gunshot	·1	-	-	-	-	-	-	-	-
Cut, Stab		-	-	-	-	-	-	-	-
3. Burns and Scalds	6·6	7	2	1	2	1	1	-	
4. Poison	·9	1	-	-	1	-	-	-	-
5. Drowning	4·2	4	-	-	-	3	1	-	-
6. Suffocation	11·2	12	12	-	-	-	-	-	-
7. Otherwise	3·5	1	-	-	-	-	1	-	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	2·6	3	3	-	-	-	-	-	-
ORDER 4. (SUICIDE.)									
1. Wounds: Gunshot	·4	-	-	-	-	-	-	-	-
Cut, Stab	1·3	1	-	-	-	-	1	-	-
2. Poison	·8	-	-	-	-	-	-	-	-
3. Drowning	1·2	1	-	-	-	-	1	-	-
4. Hanging	1·2	2	-	-	-	1	1	-	-
5. Otherwise	·6	2	-	-	-	2	-	-	-
ORDER 5. (EXECUTION.)									
1. Hanging	—	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained)	1·3	1	1	-	-	-	-	-	-
Causes not specified or ill-defined	5·7	1	1	-	-	-	-	-	-

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARL
during the Week endi

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public
LONDON - - -	3,254,260	2391	1766	390	357	48	35	47	12	158	3	23	2	11	57	118	33
WEST DISTRICTS - - - -	561,359	351	279	70	61	2	4	6	2	27	-	3	-	2	7	17	52
NORTH DISTRICTS - - -	751,729	526	426	94	87	33	13	13	4	29	-	6	-	3	9	22	98
CENTRAL DISTRICTS - - -	334,369	166	140	21	30	-	2	5	1	7	-	2	-	3	6	11	24
EAST DISTRICTS - - - -	639,111	570	374	89	74	5	3	8	4	36	1	6	-	2	19	31	74
SOUTH DISTRICTS - - - -	967,692	778	547	116	105	8	13	15	1	59	2	6	2	1	16	37	8[illegible]
WEST DISTRICTS.																	
St. Mary Paddington *WH* - - -	58728	29	29	5	10	-	-	-	1	-	-	-	-	-	1	1	7
St. John Paddington *H* - - -	38085	20	16	-	5	-	-	-	-	-	-	1	-	1	2	4	8
Kensington Town *W* - - - -	91645	80	53	16	9	-	-	1	-	8	-	-	-	1	3	6	[illegible]
Brompton *H* - - - - - -	28654	16	16	1	1	-	1	-	-	-	-	-	-	-	-	-	[illegible]
St. Peter Hammersmith - - -	6662	6	1	1	-	-	-	-	-	-	-	-	-	-	1	1	-
St. Paul Hammersmith *H* - - -	36029	30	14	2	1	-	-	2	-	1	-	-	-	-	-	2	-
Fulham *WwH* - - - - -	23350	26	25	6	5	2	-	1	1	2	-	-	-	-	-	2	[illegible]
Chelsea South *HHH* - - - -	26420	12	12	3	4	-	-	-	-	2	-	-	-	-	-	-	-
Chelsea North-west *WHHHH* - -	22926	17	16	3	5	-	-	-	-	1	-	1	-	-	-	-	[illegible]
Chelsea North-east - - - -	21392	7	8	3	1	-	-	1	-	1	-	-	-	-	-	-	-
Hanover Square *H* - - - -	18698	6	5	2	1	-	-	-	-	1	-	-	-	-	-	-	-
May Fair *WW* - - - - -	13358	3	11	5	4	-	-	-	-	1	-	-	-	-	-	1	[illegible]
Belgrave *HH* - - - - -	57972	22	24	4	8	-	-	1	-	2	-	-	-	-	-	-	[illegible]
St. John Westminster *HH* - - -	38478	28	20	14	2	-	-	-	-	5	-	1	-	-	-	-	-
St. Margaret Westminster *WH* - -	27781	16	12	2	4	-	-	-	-	2	-	-	-	-	-	-	[illegible]
Golden Square *WH* - - - -	12860	9	8	2	-	-	3	-	-	-	-	-	-	-	-	-	-
Berwick-street *H* - - - -	20759	9	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Anne Soho *HHHHH* - - -	17562	15	3	-	-	-	-	-	-	1	-	-	-	-	-	-	-
NORTH DISTRICTS.																	
All Souls Marylebone *HHHH* - -	28579	14	16	3	4	-	-	-	-	1	-	-	-	-	1	2	[illegible]
Cavendish Square *HH* - - -	15425	4	7	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone *WH* - - -	26384	17	21	1	10	-	-	1	-	2	-	-	-	-	-	1	1[illegible]
St. Mary Marylebone *HHH* - -	21786	25	8	3	2	-	1	-	-	-	-	-	-	-	-	1	-
Christchurch Marylebone *H* - -	33944	24	19	7	3	-	2	-	-	1	-	-	-	2	-	1	-
St. John Marylebone *H* - - -	33136	22	12	5	3	-	-	-	-	3	-	-	-	-	-	-	-
Hampstead *WwHH* - - - -	32281	20	31	2	4	8	1	-	3	-	-	2	-	-	-	-	1[illegible]
Regent's Park Pancras - - -	38200	20	8	3	3	-	-	-	-	-	-	-	-	-	-	-	-
Tottenham-court *wHHH* - - -	29370	19	31	8	9	-	-	-	-	2	-	-	-	-	-	1	1[illegible]
Gray's Inn Lane *HHH* - - -	29221	15	11	4	2	-	-	-	-	-	-	-	-	-	-	1	[illegible]
Somers Town - - - - -	38533	24	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Camden Town *WH* - - - -	17943	14	10	1	5	-	-	1	-	-	-	-	-	-	-	1	-
Kentish Town *w* - - - - -	68198	52	39	11	4	2	1	1	-	5	-	-	-	1	2	3	[illegible]
Islington West *HHH* - - - -	97820	46	50	7	8	3	4	3	1	4	-	-	-	-	1	3	[illegible]
Islington East *WwwH* - - -	115958	107	62	15	13	1	4	3	-	5	-	1	-	-	2	4	[illegible]
Stoke Newington *H* - - - -	9841	15	12	4	2	-	-	-	-	-	-	-	-	-	1	1	-
Stamford Hill - - - - -	6598	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney - - - - -	28069	24	19	7	2	-	-	1	-	2	-	-	-	-	-	-	-
Hackney *WwwHL* - - - -	50104	35	53	9	11	18	-	2	-	1	-	2	-	-	2	3	2[illegible]
South Hackney - - - - -	30339	22	11	2	-	1	-	1	-	3	-	1	-	-	-	-	-
CENTRAL DISTRICTS.																	
St. George Bloomsbury - - -	17853	7	8	4	1	-	-	-	-	1	-	-	-	-	1	2	
St. Giles South *WH* - - - -	19109	12	5	-	1	-	-	-	-	-	-	-	-	-	-	2	
St. Giles North - - - - -	16594	8	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
Long Acre - - - - - -	11379	6	4	2	-	-	-	-	-	1	-	-	-	1	-	-	
Charing Cross *HH* - - - -	9859	3	6	-	1	-	-	-	-	-	-	-	-	-	1	1	
St. Mary-le-Strand - - - -	9378	1	4	2	-	-	-	-	-	-	-	-	-	1	-	-	
St. Clement Danes *H* - - - -	10723	6	13	2	-	-	-	-	-	1	-	1	-	1	-	1	
St. George-the-Martyr *HHHHH* -	20521	7	8	-	3	-	-	-	1	-	-	-	-	-	1	-	
St. Andrew Eastern *W* - - -	13529	8	11	-	3	-	-	-	-	1	-	-	-	-	-	-	
Saffron Hill *H* - - - -	9066	6	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
St. James Clerkenwell *W* - - -	18917	11	12	3	4	-	-	1	-	1	-	-	-	-	-	-	
Amwell Clerkenwell - - - -	16884	8	5	1	1	-	-	-	-	-	-	-	-	-	-	-	
Pentonville - - - - - -	13337	14	1	-	-	-	-	-	-	-	-	-	-	-	-	1	
Goswell-street - - - - -	16242	12	7	1	1	-	1	1	-	-	-	-	-	-	-	2	
Old-street *H* - - - - -	12161	6	4	2	-	-	-	1	-	-	-	-	-	-	-	-	
City-road *HHL* - - - - -	18301	13	5	1	-	-	-	1	-	1	-	-	-	-	-	-	
Whitecross-street - - - - -	13792	6	8	-	3	-	-	-	-	-	-	-	-	-	1	-	
Finsbury - - - - - -	10741	6	10	2	3	-	-	1	-	1	-	-	-	-	-	-	
St. Botolph East London *H* - -	14540	8	3	-	2	-	-	-	-	-	-	-	-	-	-	-	
Cripplegate - - - - - -	13638	9	3	-	1	-	-	-	-	-	-	1	-	-	-	-	
St. Sepulchre *H* - - - - -	7562	3	10	-	2	-	-	-	-	-	-	-	-	-	1	1	
St. Bride *W* - - - - - -	11185	4	5	-	3	-	-	-	-	-	-	-	-	-	1	1	
Castle Baynard - - - - -	4426	-	1	1	-	-	1	-	-	-	-	-	-	-	-	-	
Christchurch - - - - -	6270	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Queenhithe - - - - - -	4753	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Allhallows Barking - - - -	5764	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Broad-street *H* - - - - -	7845	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: *W*—Workhous *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see no at the foot of next page.

EVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT aturday, 30th March 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
olywell Shoreditch	12430	6	8	1	1	-	-	-	-	1	-	-	-	-	-	-	-
t. Leonard Shoreditch *HL*†	16545	12	6	1	2	-	-	-	-	1	-	-	-	1	-	-	1
oxton New Town *w*	27835	22	15	4	4	-	-	-	-	2	-	1	-	-	-	-	3
oxton Old Town	26933	34	13	2	-	-	-	-	-	4	-	1	-	-	-	-	-
aggerston* *WH*	43421	52	33	6	7	-	1	2	1	-	-	2	-	1	1	1	7
ackney-road *H*	29822	32	17	7	3	-	-	1	-	1	-	-	-	-	-	4	-
reen, Bethnal Green *WHL*†	42433	42	25	10	5	-	-	-	1	5	-	-	-	-	2	4	4
hurch, Bethnal Green	26577	29	8	3	1	-	-	1	1	-	-	-	-	-	-	-	-
own, Bethnal Green	21272	11	9	4	2	-	-	-	-	2	-	-	-	-	2	3	-
pitalfields *H*	22499	12	14	1	1	-	-	-	-	4	-	-	-	-	-	-	-
ile End New Town *W*	15550	15	12	3	2	-	-	-	-	2	-	-	-	-	-	-	3
hitechapel North	11597	7	4	1	-	-	-	-	-	2	-	-	-	-	-	-	-
hitechapel Church *H*	7322	4	21	1	3	1	-	-	-	-	-	1	-	-	2	2	16
oodman's Fields	10381	7	6	3	-	-	-	-	-	-	-	-	-	-	1	1	-
ldgate	9224	2	2	-	-	-	-	-	-	1	-	-	-	-	-	-	-
t. Mary St. George East	17900	11	6	3	-	-	-	-	-	-	-	-	-	-	-	1	-
t. Paul St. George East	21350	18	8	3	1	-	-	-	-	-	-	-	-	-	1	1	-
t. John St. George East *W*	8802	13	25	2	14	-	-	-	-	2	-	-	-	-	-	1	19
hadwell *H*	11640	4	8	-	1	-	-	-	-	1	-	1	-	-	2	2	2
atcliff	16131	16	6	4	1	1	-	-	-	1	-	-	-	-	-	-	-
imehouse	29919	20	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-
ile End Old Town Western	38128	34	14	5	4	-	-	-	-	1	-	-	-	-	-	1	-
ile End Old Town Eastern *WwwH*	55024	43	22	10	2	2	-	-	-	2	-	-	-	-	1	2	3
ow *wwwH*	67765	64	66	10	17	-	1	4	-	3	-	-	-	-	3	4	17
oplar *WW*	48611	60	22	4	3	-	1	-	1	1	1	-	-	-	4	4	-
SOUTH DISTRICTS.																	
hristchurch Southwark *WH*	14573	8	3	1	2	-	-	-	-	-	-	-	-	-	-	-	1
t. Saviour Southwark *H*	15677	13	8	4	-	-	1	-	-	2	-	-	-	-	-	-	-
ent-road	20421	17	9	2	2	-	-	-	-	1	-	-	-	-	-	-	-
orough-road *WH*	16695	10	14	5	-	-	-	-	-	3	-	-	-	-	-	1	2
ondon-road *HL*	18961	20	11	2	1	1	1	-	-	3	-	-	-	-	1	1	1
rinity Newington	23682	21	9	3	1	-	-	-	-	1	-	1	-	-	1	1	-
t. Peter Walworth *W*	48248	46	41	13	10	-	-	-	-	2	-	1	-	-	-	3	9
Mary Newington	16792	14	6	-	1	-	1	2	-	-	-	-	-	-	-	-	-
. Olave Southwark *H*	4373	3	22	1	-	-	-	-	-	-	-	-	-	-	3	5	20
. John Horsleydown *W*	10500	4	8	2	2	-	-	-	-	2	-	-	-	-	-	-	4
eather Market	16787	14	12	5	1	-	-	-	-	4	-	-	-	-	-	-	-
. Mary Magdalen *W*	15709	11	7	2	1	-	-	-	-	1	-	-	-	-	-	-	2
. James Bermondsey	47933	35	25	5	1	-	-	-	-	11	-	-	1	-	-	1	-
otherhithe *W*	27096	22	16	5	3	-	-	-	-	2	-	-	-	-	1	2	-
aterloo-road 1st *H*	14074	15	13	5	2	-	-	-	-	3	-	-	-	-	-	-	-
aterloo-road 2nd *H*	18465	11	11	2	2	-	1	-	-	2	-	-	-	-	-	1	-
ambeth Church 1st *H*	19492	8	18	3	2	-	-	-	-	-	-	-	-	-	5	6	9
ambeth Church 2nd *WW*	35833	29	16	4	4	-	1	1	-	4	-	-	-	-	-	-	6
ennington 1st	41286	26	12	6	2	-	-	-	-	3	-	-	-	-	-	1	-
ennington 2nd	31221	18	18	1	3	1	-	2	-	1	-	-	-	-	1	2	-
rixton *w*	35435	36	33	6	8	4	-	2	1	-	2	1	1	-	-	-	9
orwood *W*	12536	14	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-
apham *H*	27347	13	10	3	1	-	-	-	-	1	-	-	-	-	-	-	-
attersea *Ww*	54016	76	36	7	8	1	1	1	-	2	-	1	-	-	1	6	5
andsworth *HL*	19783	10	9	1	2	-	1	-	-	-	-	-	-	-	-	-	1
itney	9439	2	3	2	-	-	1	-	-	-	-	-	-	-	-	-	-
reatham	14475	14	4	-	3	-	-	-	-	-	-	-	-	-	-	-	-
lwich	4041	1	2	-	-	-	-	-	-	1	-	-	-	-	-	-	-
mberwell *WL*†*L*†	31254	32	19	5	5	1	-	-	-	2	-	-	-	-	1	1	4
ckham *W*	42160	36	20	2	6	-	1	-	-	2	-	-	-	-	-	-	-
. George Camberwell	33851	24	22	4	6	-	2	-	-	2	-	1	-	-	-	-	-
Paul Deptford *w*	53714	45	31	6	8	-	-	-	-	1	-	-	-	-	-	-	-
Nicholas Deptford	6474	10	2	-	1	-	-	-	-	-	-	1	-	-	-	-	-
eenwich West	21034	17	7	1	4	-	-	-	-	-	-	-	-	-	-	-	-
eenwich East *WH*	19378	27	12	-	5	-	1	1	-	-	-	-	-	-	-	2	6
ham *H*	4539	3	4	1	1	-	-	2	-	-	-	-	-	-	-	-	-
e	16440	8	7	1	1	-	-	1	-	1	-	-	-	-	-	-	-
wisham Village *WH*	11513	10	8	-	1	-	1	3	-	-	-	-	-	-	-	-	3
lenham *H*	19065	11	5	1	1	-	-	-	-	1	-	-	-	-	-	-	-
arlton *H*	9564	2	3	1	-	-	-	-	-	-	-	-	-	-	-	-	1
olwich Dockyard	17226	10	8	2	-	-	-	-	-	-	-	-	-	-	1	2	-
olwich Arsenal *WHH*	18331	12	12	1	3	-	-	-	-	1	-	-	-	1	-	1	-
mstead West	13027	9	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
mstead East *W*	15232	11	4	-	-	-	-	-	-	-	-	-	-	-	1	1	1

he following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the re Table by *w*:—

Central London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary " " "
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.
London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

The two sub-districts of Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston sub-ict.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON — OUTER RING. — AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 30th March 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
	LONDON—OUTER RING	368,414	631,381	495	290	73	55	4	3	9	3	14	5	3	6	12
29 : 1	Carshalton *wL* - - -	12228	13523	11	12	1	4	-	-	-	-	-	-	-	-	-
2	Epsom (*part of*) * *WH* -	9971	9145	4	9	1	2	-	-	-	-	-	-	-	-	-
36 : 1	Godstone (*part of*) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	59	35	10	7	-	-	-	-	5	1	-	1	1
2	Mitcham *WH* - - -	11697	12534	4	3	1	1	-	-	-	-	-	-	-	-	-
38 : 1	Wimbledon *HH* - - -	3220	9087	6	1	-	-	-	-	-	-	-	-	-	-	-
2	Kingston *WH* - - -	8549	27489	22	16	3	1	-	1	-	-	-	-	1	1	1
3	Esher (*part of*) * - -	6601	7353	4	4	2	-	-	-	-	-	2	-	-	-	-
4	Hampton - - - -	4573	10185	5	4	2	-	-	-	-	-	-	-	-	-	-
39 : 1	Richmond *WH* - - -	2271	16829	17	7	3	2	-	-	-	-	-	-	1	-	-
2	Mortlake - - - -	2961	9316	9	1	-	-	-	-	-	-	-	-	-	-	-
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	19	6	1	1	-	-	-	-	-		-	-	-
2	Chislehurst (*part of*) * *W* -	13665	10028	7	3	1	-	-	-	-	-	-	-	-	-	-
41 : 1	Bexley *H* - - - -	13439	19566	16	5	-	3	1	-	-	-	-	-	-	-	-
123 : 1	Sunbury *W* - - -	11055	9860	9	5	1	1	-	-	-	-	-	-	-	-	-
2	Staines *W* - - - -	13277	10339	8	7	4	1	-	-	1	-	1	-	-	-	-
124 : 1	Hillingdon *WH* - - -	6029	9712	2	4	-	2	-	-	-	-	-	-	-	1	1
2	Uxbridge - - - -	6178	5329	4	1	-	-	-	-	-	-	-	-	-	-	-
3	Hayes *WL* - - - -	14587	10497	7	4	1	1	-	-	-	-	-	-	-	-	-
125 : 1	Isleworth *W* - - -	7008	19930	17	5	1	2	-	-	-	-	-	-	-	-	-
2	Twickenham - - -	2477	10533	9	6	1	3	-	-	-	-	-	-	-	1	2
3	Brentford *HL* - - -	4370	20279	12	7	2	2	-	-	1	-	-	-	-	-	-
4	Chiswick - - - -	1311	8508	4	5	1	1	-	-	-	-	-	-	-	-	1
5	Acton *WH* - - - -	6087	12683	15	9	3	2	-	1	-	-	-	-	-	-	-
126 : 1	Harrow *H* - - - -	13809	10869	5	3	-	1	-	-	-	-	-	1	-	-	1
2	Edgware *H* - - -	6994	3450	2	1	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	15	7	-	-	-	-	-	-	-	-	-	-	1
4	Hendon *WH* - - -	8382	6972	3	3	1	1	-	1	-	-	-	-	-	-	1
127 : 1	South Mimms - - -	15419	5924	5	2	1	1	-	-	-	-	-	-	-	-	-
2	Barnet *W* - - - -	5423	7752	8	1	-	-	-	-	-	-	-	-	-	-	-
3	Finchley *L* - - - -	4688	11493	14	9	1	1	-	-	-	1	-	-	-	-	-
128 : 1	Hornsey *H* - - - -	3039	19357	20	11	5	3	-	-	-	1	-	-	-	-	-
2	Tottenham *H* - - -	4642	22869	22	10	1	4	-	-	-	1	-	-	-	1	1
3	Edmonton *WW* - - -	7483	13860	4	2	-	-	-	-	-	-	-	-	-	-	-
4	Enfield *WH* - - -	12653	16054	20	9	3	-	-	-	4	-	-	-	-	-	-
5	Waltham Abbey - - -	11017	5197	2	2	-	-	1	-	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	5	1	-	-	-	-	-	-	-	-	-	-	-
134 : 1	Hatfield (*part of*) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	4	-	-	-	-	-	-	-	-	-	-	-	-
185 : 1	Stratford - - - -	882	23286	26	19	7	3	2	-	3	-	1	-	1	1	2
2	West Ham *WWWW* - -	7345	44642	39	25	9	-	-	-	-	-	4	2	-	-	-
3	Leyton *WW* - - -	4274	15513	10	8	-	2	-	-	-	-	-	-	-	-	-
4	Walthamstow *H* - -	6619	15701	13	8	1	2	-	-	-	-	1	1	-	-	-
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	2	5	2	-	-	-	-	-	-	-	-	-	-
188 :	Romford (*part of*) * - -	6730	2879	1	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford - - - - -	8492	5947	-	4	3	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	5	1	-	1	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as foll 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Goc sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, exce two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoidon (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 30th March 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	
REATER LONDON	446,494	4,450,015	24·1	4·5	2056	463	412	52	38	56	15	172	33	14	63	370
INNER LONDON -	78,080	3,577,304	25·8	4·9	1766	390	357	48	35	47	12	158	28	11	57	334
OUTER RING -	368,414	872,711	17·3	2·5	290	73	55	4	3	9	3	14	5	3	6	36

NOTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal 697·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than miles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,759,796 Persons.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	February	23	-	276	33·5	Ent. and simple fevrs. 55; cholera 32; sm.-pox 27.
BOMBAY - -	644,405	"	19	-	540	43·6	Remittent fever 192; measles 41; cholera 24.
MADRAS - -	397,552	"	1	278	571	74·6	Small-pox 27; fevers 159; dysentery 140.
		"	8	250	472	61·7	Small-pox 17; fevers 128; dysentery 130.
PARIS - - -	1,988,806	March	28	-	1043	27·3	Typhoid fever 11; diphtheria 24; croup 23.
GENEVA - -	68,792	"	23	27	38	28·8	—
BRUSSELS - -	175,782	"	23	95	123	36·5	Measles 5.
AMSTERDAM -	302,266	"	23	194	180	30·9	Fevers 3; croup 5.
ROTTERDAM -	142,585	"	23	123	89	32·5	—
THE HAGUE -	107,896	"	23	89	57	26·5	—
COPENHAGEN -	220,000	"	19	149	92	21·8	Croup 4; typhoid fever 1.
STOCKHOLM -	146,845	"	16	-	69	24·4	—
CHRISTIANIA -	105,000	"	23	72	42	20·8	Whooping-cough 2.
ST.PETERSBURGH	669,741	"	16	-	761	59·1	Typhus and typhoid fev. 183; sm-pox 7; diph. 13.
BERLIN - -	1,019,620	"	9	841	511	26·0	Scarlet fever 12; diphtheria 22.
HAMBURG (State)	406,104	"	16	330	224	28·8	Whooping-cough 3; diphtheria and croup 4.
DRESDEN - -	207,845	"	16	151	132	33·1	Scarlet fever 3; diphtheria and croup 2.
BRESLAU - -	267,000	"	23	178	142	27·7	Fevers 4.
MUNICH - -	222,000	"	23	160	181	43·0	Typhus & typhd. fev. 5; diphth. and croup 2.
VIENNA - -	727,271	"	23	528	475	34·0	Small-pox 10; diphtheria 18.
BUDA-PESTH -	319,530	"	16	265	284	46·2	Scarlet fev. 7; diphth. 8; typhus & typhd. fev. 5.
ROME - - -	282,214	February	23	181	227	42·0	Typhus and typhoid fev. 8; diph. and croup 6.
NAPLES - -	457,407	"	11	-	389	44·4	Diphtheria 4; croup 3.
		"	18	-	367	42·0	Typhus and typhoid fever 6; croup 4.
TURIN - -	227,843	March	16	118	125	28·6	Diphtheria and croup 6; typhus & typhd. fev. 2.
VENICE - -	139,796	"	16	73	102	38·1	Typhoid fever 3.
ALEXANDRIA -	212,034	"	21	-	-	-	—
NEW YORK -	1,084,528	"	2	-	522	25·1	Scarlet fever 29; diphtheria 20; croup 15.
BROOKLYN -	549,438	"	2	-	193	18·3	Scarlet fever 15; diphtheria 10.
PHILADELPHIA	876,118	"	9	-	320	19·1	Scarlet fever 13; diph. 9; typhoid fever 10.
BOSTON - -	363,000	"	2	-	132	18·9	Diphtheria 11.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 30th MARCH, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit)	Readings of Thermometers. Dry. High-est.	Low-est.	Range in day.	Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Great-est.	Least.	Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	P.M.	Pressure on square foot. Great-est.	Least.	Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	Depart-ure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
MARCH.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN. .	24	Greatest Dec. S.	29·367	47·4	24·3	23·1	33·9	24·4	99·5	13·5	46·3	44·3	9·5	20·2	0·0	— 8·2	67	WSW. & NW.	W. NW. & N.	10·0	0·0	0·3	210	— 76	0·02	0·2
MON. .	25	Last Qr.	29·610	46·4	28·5	17·9	35·6	29·1	94·2	21·0	46·3	43·8	6·5	13·6	0·0	— 6·7	77	N.	N. & NW.	15·0	0·0	1·5	385	+107	0·01	0·8
TUES. .	26	..	29·884	48·4	26·0	22·4	36·0	25·5	91·8	19·6	45·3	43·5	10·5	21·2	3·0	— 6·5	65	WNW. & WSW.	NW. W. & WSW.	0·7	0·0	0·0	218	— 70	0·00	0·0
WED.	27	..	29·635	48·5	32·2	16·3	38·8	29·6	94·0	24·0	44·8	42·8	9·2	17·2	4·3	— 3·9	69	WSW. & NW.	N. NE. E. & SE.	1·6	0·0	0·2	241	— 63	0·01	0·0
THURS.	28	..	29·277	44·6	29·3	15·3	36·0	30·8	76·1	23·5	44·8	42·9	5·2	13·9	0·0	— 7·0	81	E.	E.	8·3	0·0	1·1	372	+ 59	0·21	3·7
FRI. .	29	..	29·073	35·8	32·3	3·5	33·4	30·2	44·7	32·0	44·3	42·3	3·2	7·8	0·0	— 9·9	88	E. & NE.	NE. & N.	18·0	0·5	3·4	743	+427	0·39	10·3
SAT. .	30	..	29·155	40·8	30·8	10·0	35·1	30·4	74·4	28·5	43·5	41·3	4·7	10·1	1·3	— 8·6	83	N.	N. & NNW.	11·0	0·1	2·0	502	+188	0·07	2·0
MEANS .		..	29·429	44·6	29·1	15·5	35·5	28·6	82·1	23·2	45·0	43·0	7·0	14·9	1·2	— 7·3	76	Variable.		..	..	..	Sum 2671	Sum +572	Sum 0·71	2·4
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. MARCH.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY .	24	The electrical apparatus was not in action throughout the week.	4·8	12·4	A little snow fell in the early morning hours; fine afterwards and partially cloudy till shortly before 4h. P.M. About 4h. P.M. the sky became suddenly overcast, and snow fell thickly between 4h. and 5h. 30m. P.M., accompanied by violent squalls of wind. Fine again at night, and cloudless at times.
MONDAY .	25		3·2	12·4	Snow fell in the morning; cloudy during the day, with occasional rain in afternoon; cloudless with hoar frost at night.
TUESDAY .	26		3·9	12·5	Fog and hoar frost in morning; fine and partially cloudy till evening; cloudless at night.
WEDNESDAY	27		4·1	12·6	Snow fell in the morning; fine and partially cloudy during the day; cloudless at night.
THURSDAY .	28		0·0	12·6	Overcast generally. Rain and snow fell in evening.
FRIDAY .	29		0·0	12·7	Overcast. Snow fell thickly throughout the morning. Brisk wind.
SATURDAY .	30		2·2	12·8	Cloudy. Snow and rain fell occasionally.
..		..	Sum 18·2	Sum 88·0	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and — "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29·52 in. at the beginning of the week to 29·28 in. by

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
8th April, 1878.

United Kingdom.

During last week 6195 *births* and 4473 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The natural increase of population was 1722. The mortality from all causes was at the average rate of 28 deaths annually in every 1000 persons living. The annual death-rate was 29 per 1000 in Edinburgh, 29 in Glasgow, and 34 in Dublin. Small-pox caused 10 more deaths in Dublin, where 117 cases were under hospital treatment.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Salford 21, Bradford 21, Nottingham 22, Brighton 23, Leeds 25, Birmingham 25, Portsmouth 25, Leicester 27, Bristol 27, London 27, Norwich 28, Newcastle 28, Plymouth 28, Sheffield 28, Oldham 29, Hull 31, Liverpool 31, Sunderland 32, Wolverhampton 32, and the highest rate 34 in Manchester. The annual death-rate from the seven principal zymotic diseases averaged 4·2 per 1000 in the twenty towns, and ranged from 0·7 and 1·2 in Hull and Salford, to 8·5 and 8·7 in Plymouth and Oldham; the high zymotic in the two latter towns was mainly due to the epidemic fatality of measles. Scarlet fever is fatally prevalent in Sheffield. Small-pox caused 55 deaths in London and one in Sheffield. Two more fatal cases of measles were recorded in the Manchester Workhouse at Crumpsall.

London.

In London 2613 births and 1877 deaths were registered. Allowing for increase of population, the births exceeded by 81, and the deaths by 201, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the three preceding weeks had been equal to 22·3, 24·5, and 25·8 per 1000, further rose last week to 27·4.

The 1877 deaths included 55 from small-pox, 30 from measles, 42 from scarlet fever, 8 from diphtheria, 146 from whooping-cough, 29 from different forms of fever, and 9 from diarrhœa; thus to the seven principal diseases of the zymotic class 319 deaths were referred, against 243, 277, and 339 in the two preceding weeks. These 319 deaths were 74 above the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 4·7 per 1000. The fatality of whooping-cough continues to be exceptionally severe, the deaths from this disease being 146, against 124 and 158 in the two previous weeks; 43 occurred in the East, and 61 in the South groups of districts; the disease showed especial fatality in Kensington, Islington, Shoreditch, Bethnal Green, Newington, Bermondsey, Lambeth, and Camberwell. The 146 fatal cases of whooping-cough included 56 of infants under one year of age, and 86 of children aged between one and five years. The 30 deaths from measles included 4 in Islington, 3 in Battersea, and 4 in Greenwich. Of the 42 from scarlet fever, 6 occurred in Pancras, 4 in Clerkenwell, and 3 in Lewisham. Diphtheria caused 2 deaths in Deptford. The deaths referred to fever, which had been 29 and 28 in the two previous weeks, were again 29 last week, and were 2 below the corrected weekly average; 4 were fatal cases of typhus, 20 of enteric or typhoid, and 5 of simple continued fever. The four deceased typhus patients had resided at:—10, Windsor Street, City; 180, Kingsland Road, Shoreditch; 5, Spencer Road, Rotherhithe; and 2, Druid Street, Bermondsey. The 2 latter cases were recorded in the Stockwell Fever Hospital. Two fatal cases of enteric fever occurred in Islington, and 2 in Haggerston.

The deaths from small-pox, which had been 42 and 48 in the two preceding weeks, further rose to 55 last week, of which 35 were recorded in the Metro-

politan Asylum Hospitals, and 20 in private dwelling-houses. Seven of the deceased small-pox patients had resided in Islington, 4 in Pancras, 3 in Mile End Old Town, 4 in Lambeth, and 4 in Camberwell; 16 belonged to the North, 13 to the South, and 11 to the East groups of districts. Four of the 7 fatal cases belonging to Islington occurred in private dwelling-houses. The 55 fatal cases included 10 of infants aged under one year, 6 of children aged between one and five years, 11 of persons aged between 5 and 20 years, and 28 of adults aged between 20 and 40 years. Of the 55 cases, 31 were certified as unvaccinated, and 10 as vaccinated; in the remaining 14 cases the medical certificates did not give any information as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which in the two previous weeks had been 642 and 682, were again 682 last week; the number of new cases admitted during the week was 160, against 119, 134, and 209 in the three previous weeks. The Highgate Small-pox Hospital contained 52 patients on Saturday last; the numbers on the two preceding Saturdays were 51 and 59.

During the first thirteen weeks of this year, ending 30th ulto., 1870 cases of small-pox were admitted to the Metropolitan Asylum Hospitals, against 792 and 784 in the last two quarters of 1877; and 1497 completed cases were recorded, among which the mortality was equal to 22·4 per cent. The proportional mortality among the 7242 completed cases recorded in these hospitals during 1877 was 17·2 per cent.

The deaths referred to diseases of the respiratory organs, which in the three preceding weeks had been 340, 402, and 421, further rose last week to 474, and exceeded the corrected weekly average by 65; 296 resulted from bronchitis and 130 from pneumonia.

Different forms of violence caused 39 deaths; 34 were the result of negligence or accident, including 15 from fractures and contusions, 5 from burns and scalds, 2 from drowning, and 9 of infants under one year of age from suffocation. The 15 deaths from fractures and contusions were thus caused:—male aged 62, fell from a cab; males 63 and 54, fell from carts; male 7, run over by a tram-car; male 33, run over on the Metropolitan Railway; male 46, run over on the North-western Railway; male 27, run over on railway; females 68 and 5, fell down stairs; male 52, fell from scaffolding; male 41, fell from ladder; male 32, fell from buildings; female 68, fell in house; female 1, fell from chair; male 41, by fracture of spine (how not stated). An inquest was held in each of these cases except the last, which was certified by a registered medical practitioner.

In the large Public Institutions 358 deaths were recorded, or 19 per cent. of the total deaths; of these 232 occurred in Workhouse Establishments, 118 in Hospitals, and 8 in Lunatic Asylums.

Greater London.

In the Greater London 3203 births and 2190 deaths were registered, equal to annual rates of 37·6 and 25·7 per 1000 of the population. In the Outer Ring, small-pox caused 3 deaths in Edmonton, 2 in West Ham, and one in Sutton.

Dr. Frankland reports, as the result of his analysis of the waters supplied to the Metropolis and some of its suburbs, during March, that taking the average amount of organic impurity in a given volume of the Kent Company's water, during the nine years ending December 1876, to represent unity, the proportional amount of such impurity in an equal volume of water supplied by each of the other Companies, and by the Tottenham Local Board, was:—Tottenham 0·9, Kent 1·1, Colne Valley 1·2, New River 2·1, East London 3·2, West Middlesex 3·5, Chelsea 3·7, Grand Junction 3·9, Lambeth 4·2, and Southwark 4·4. The waters delivered by the five Companies drawing their supply from the Thames were more impure than those delivered in February. The waters distributed by the Southwark and West Middlesex Companies were slightly turbid; the former contained fungoid growths and dyed fibres, and the latter moving organisms. The Lea water was of improved quality and had been efficiently filtered. The waters distributed by the Kent and Colne Valley Companies, and by the Tottenham Local Board, drawn from deep wells in the chalk, were of the usual excellent quality; the Colne Valley water had been softened previously to delivery.

The quality of the water supplied to Birmingham is reported by Dr. Hill, the Medical Officer of Health, to have maintained the improvement exhibited during February. Dr. Mills reports that the Loch Katrine water supplied to Glasgow "contained muddy particles."

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 33, Bombay 43, Madras 58; Paris 31; Geneva 27; Brussels 32; Copenhagen 28; Stockholm 23; Christiania 23; St. Petersburgh 59; Berlin 26, Hamburg 28, Dresden 24, Breslau 32, Munich 40; Vienna 36, Buda-Pesth 50; Rome 38, Naples 41, Turin 46, Venice 44; Alexandria 41; New York 27, Brooklyn 16, Philadelphia 18, and Boston 22. The 761 deaths in St. Petersburgh included 153 fatal cases of typhus and typhoid fever.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·44 in.; the lowest reading was 28·99 in. on Monday morning, and the highest 30·03 in. at the end of the week. The mean temperature of the *air* was 40°·4, and 4°·1 below the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from themometrical observations at the Royal Observatory. The mean was considerably below the average on each day of the week; the coldest day was Monday, when the mean was 36°·6, and showed a deficiency of 7°·6. The lowest night temperature was 26°·9 on Monday, and the highest day temperature in the shade 56°·7 on Saturday; the extreme range in the week was, therefore, 29°·8. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 112°·1 on Saturday. The difference between the mean *dew-point* and *air* temperature averaged 6°·4. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 41°·4. The mean degree of *humidity* of the air was 78, complete saturation being represented by 100; the air was therefore of its average dryness. The general direction of the *wind* was south-west, and the horizontal movement of the air averaged 12·9 miles per hour, which was 0·4 above the average in the corresponding week of 16 years. *Rain* fell on five days of the week, to the aggregate amount of 0·38 of an inch. The duration of registered sunshine in the week was 34·6 hours, the sun being above the horizon during 91·2 hours; the recorded duration of sunshine was, therefore, equal to 38 per cent. of its possible duration.

The Registrar General has to acknowledge the courtesy of the London Water Companies who have furnished him with the average daily quantity of Water supplied during the month of March 1878; according to their returns 120,026,106 gallons or 545,334 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 221 gallons (100·4 decalitres), rather less than a *ton* by weight, to each house, and 31·2 gallons (14·2 decalitres) to each person, against 29·5 gallons during March 1877.

Companies.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons (including that for Manufactures and for various purposes other than for domestic consumption) during the Month of	
	March 1877.	March 1878.	March 1877.	March 1878.
Total Supply	531,114	541,894	111,349,135	120,026,106
From Thames	248,645	255,659	56,524,124	60,589,557
From Lea and from other Sources	282,469	286,235	54,825,011	59,436,549
Thames.				
Chelsea	28,737	28,859	7,189,300	7,840,600
West Middlesex	48,962	50,422	9,503,913	9,393,895
Southwark and Vauxhall	77,880	80,159	17,200,000	18,550,000
Grand Junction	37,055	37,910	10,569,811	11,396,662
Lambeth	56,011	58,309	12,061,100	13,408,400
Lea and other Sources.				
New River	125,070	126,300	24,564,000	26,214,000
East London	111,967	115,143	23,712,500	25,986,000
Kent	45,432	44,792	6,548,511	7,236,549

Note.—The Return for March 1878, as compared with that for the corresponding month of 1877, shows an increase of 10,780 houses, and of 8,676,971 gallons of water supplied daily.

Analysis of Metropolitan Water Supply during March.

Royal College of Chemistry, South Kensington Museum,
5th April, 1878.

Sir,

I have to report to you in the following Table the results of the chemical analysis of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of March.

I append, also, the results obtained in the analyses of the water supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the nine years ending December 1876 as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health was:—Tottenham 0·9, Kent 1·1, Colne Valley 1·2, New River 2·1, East London 3·2, West Middlesex 3·5, Chelsea 3·7, Grand Junction 3·9, Lambeth 4·2, and Southwark 4·4.

The water drawn from the Thames by the Chelsea, West Middlesex, Southwark, Grand Junction, and Lambeth Companies was more impure in March than in February. That distributed by the Southwark Company was slightly turbid, it contained fungoid growths, and dyed fibres probably derived from the washing of rags in paper mills. For the first time in the ten years during which these observations have been made the water sent out by the West Middlesex Company was slightly turbid. The suspended matter in this Company's water contained moving organisms.

The water of the Lea was of better quality, and was efficiently filtered before delivery.

The water supplied by the Kent and Colne Valley Companies, and by the Tottenham Local Board was bright, wholesome, palatable, and of most excellent quality for dietetic purposes. The Colne Valley Company's water was also soft and suitable for washing.

Seen through a stratum two feet deep, the water supplied by the Kent and Colne Valley Companies, and by the Tottenham Local Board, was clear and colourless; the New River and East London Company's water was clear and almost colourless; the Chelsea Company's water was clear and very pale yellow; that of the West Middlesex Company slightly turbid and very pale yellow; that delivered by the Grand Junction and Lambeth Companies, clear and pale yellow; and that by the Southwark Company slightly turbid and pale yellow.

Dr. Hill, the Medical Officer of Health for Birmingham, reports that the water supplied to that town "maintained the improved character which it presented last month."

Dr. Mills, F.R.S., of Anderson's College, Glasgow, reports that the water supplied to that city from Loch Katrine "was light brown in colour, and contained muddy particles."

I am, &c.

The Registrar General, &c. &c. E. Frankland.

Results of Analysis expressed in Parts per 100,000.

Companies or Local Authorities.	Date and Place of Collection.	Temperature in centigrade degrees.	Total Solid Matters.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Nitrates and Nitrites.	Total combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle. — Thames: Chelsea	7th March, Cab Rank, Horse Guards.	9·0°	30·36	·183	·039	0	·247	·286	1·6	21·8
Inner Circle. — Thames: West Middlesex	7th March, Cab Rank, Portland-road.	9·3	29·40	·151	·055	0	·232	·287	1·55	20·3
Inner Circle. — Thames: Southwark	7th March, Cab Rank, St. George's Church, Borough.	9·3	30·98	·222	·041	0	·212	·253	1·6	21·3
Inner Circle. — Thames: Grand Junction	7th March, Lancaster-gate, Hyde Prk.	8·0	30·16	·191	·041	0	·224	·265	1·6	20·9
Inner Circle. — Thames: Lambeth	7th March, Cab Rank, Westminster Bridge-road.	8·5	31·16	·200	·051	0	·259	·310	1·65	21·2
Inner Circle. — Other Sources: New River	7th March, Cab Rank, Tottenham-court-road.	9·3	29·34	·098	·028	0	·305	·333	1·55	21·5
Inner Circle. — Other Sources: East London	7th March, Royal Hotel, Mile-End-rd.	8·8	33·06	·164	·028	0	·280	·308	1·9	22·4
Inner Circle. — Other Sources: Kent	9th March, Deptford Bridge Police Station.	11·8	40·12	·050	·014	0	·509	·523	2·5	26·9
Outer Circle. Colne Valley	7th March, Bushey.	9·9	12·38	·059	·010	0	·335	·345	1·4	5·3
Outer Circle. Tottenham Board of Health	2nd March, High Street, Tottenham.	—	47·56	·040	·016	0	·543	·559	3·5	26·1
Corporation of Birmingham*	5th March, 21 Court, Heneage-street.	6·1	31·36	·118	·029	·001	·209	·238	1·4	18·8
Corporation of Glasgow †	25th March, Loch Katrine service.	—	2·90	·132	·023	0	·006	·029	·55	1·27
Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

* Analysed by Dr. Alfred Hill, Medical Officer of Health and Analyst to the Borough.
† Analysed by Dr. E. J. Mills, F.R.S., of Anderson's College, Glasgow.

The numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11, all relate to 100,000 parts of the waters. The Table is to be read thus: the Chelsea Company's water, collected on the 7th March at the Horse Guards cab-rank, had a temperature of 9°·0 C.; 100,000 lbs. of it contained 30·36 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·183 lb. of carbon and ·039 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·247 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of *combined* nitrogen in every form was ·286 lb. The above weight of water also contained 1·6 lbs. of chlorine; and 21·8 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

Table 1.—Births and Deaths registered, and Meteorology,* in 23 Towns of the United Kingdom, during the Week ending Saturday, the 6th April, 1878.

Cities and Boroughs. (*Municipal Boundaries, except for* London *and* Dublin.)	Area in Acres, exclusive of tidal water and foreshore.	Population estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 6th April, 1878. Births.	Deaths.	Temperature of the Air. (Fahrenheit.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Temperature of the Air. (Centigrade.) Weekly Mean of the Daily Mean Values.	Rain Fall. In Inches.	In Centimetres.
In 23 Towns in the United Kingdom	220,845	8,373,953	37·9	6195	4473	57·7	23·8	39·0	3·89	0·47	1·19
London	75,362	3,577,304	47·5	2613	1877	56·7	26·9	40·4	4·66	0·38	0·97
Brighton	2,354	103,923	44·1	55	45	51·4	28·2	38·6	3·67	0·81	2·06
Portsmouth	4,486	129,461	28·9	103	63	–	–	–	–	–	–
Norwich	7,472	84,620	11·3	61	45	51·5	25·0	39·6	4·23	0·41	1·04
Plymouth	1,395	73,599	52·8	40	40	53·5	31·0	41·4	5·22	0·84	2·13
Bristol	4,452	206,419	46·4	155	108	55·3	28·4	40·0	4·44	0·46	1·17
Wolverhampton	3,396	74,240	21·9	54	46	52·5	24·5	36·7	2·61	0·28	0·71
Birmingham	8,400	383,117	45·6	344	186	–	–	–	–	–	–
Leicester	3,200	121,473	38·0	109	63	54·8	26·5	39·5	4·17	0·31	0·79
Nottingham	9,960	165,267	16·6	115	70	55·8	23·8	37·6	3·12	0·19	0·48
Liverpool	5,210	532,681	102·2	445	320	51·9	32·5	39·7	4·28	0·09	0·23
Manchester	4,293	360,514	84·0	244	233	–	–	–	–	–	–
Salford	5,170	170,251	32·9	152	68	54·0	25·1	37·3	2·95	0·56	1·42
Oldham	4,666	107,366	23·0	78	59	–	–	–	–	–	–
Bradford	7,220	185,088	25·6	131	74	51·0	29·0	37·9	3·28	0·48	1·12
Leeds	21,572	304,948	14·1	237	147	51·0	29·0	38·5	3·61	0·58	1·47
Sheffield	19,651	289,537	14·7	225	158	53·2	28·2	38·7	3·72	0·86	2·18
Hull	3,635	143,139	39·4	141	85	53·0	25·0	38·6	3·67	0·51	1·30
Sunderland	3,306	112,459	34·0	86	68	–	–	–	–	–	–
Newcastle-on-Tyne	5,371	144,570	26·9	125	78	–	–	–	–	–	–
Edinburgh	4,191	222,371	53·1	144	123	51·1	28·4	38·7	3·72	0·67	1·70
Glasgow	6,033	566,940	94·0	379	311	–	–	–	–	–	–
Dublin	10,050	314,666	31·3	159	206	57·7	26·5	41·3	5·17	0·10	0·25

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.

† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

Table 2.—Deaths and Rate of Mortality in 20 large English Towns, having an estimated population of 7,269,976 persons, and in Dublin, during the Week ending Saturday the 6th April, 1878.

Boroughs, &c. (*Municipal Boundaries, except for* London *and* Dublin.)	Annual Rate of Mortality per 1000 living. From All Causes.	From Seven Zymotic Diseases.	Deaths from all Causes.	The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
In 20 Towns	27·5	4·2	3833	860	798	56	89	106	19	217	55	41	102	206	587
London	27·4	4·7	1877	381	401	55	30	42	8	146	29	9	39	102	358
Brighton	22·6	2·0	45	10	11	–	–	–	1	2	1	–	3	3	3
Portsmouth	25·4	3·6	63	15	11	–	3	–	–	6	–	–	3	5	8
Norwich	27·7	2·5	45	9	15	–	–	–	–	4	–	–	–	1	1
Plymouth	28·3	8·5	40	7	10	–	6	2	–	2	1	1	–	1	1
Bristol	27·3	1·5	108	30	30	–	2	–	–	1	2	1	3	3	12
Wolverhampton	32·3	4·9	46	14	10	–	–	–	–	6	–	1	1	1	7
Birmingham	25·3	4·9	186	53	37	–	–	10	3	15	2	6	1	4	24
Leicester	27·1	1·3	63	19	18	–	–	–	–	2	–	1	–	5	7
Nottingham	22·1	2·8	70	19	14	–	4	–	–	4	–	1	4	8	6
Liverpool	31·3	3·4	320	64	58	–	13	5	3	9	2	3	13	16	52
Manchester	33·7	4·1	233	52	42	–	5	7	2	4	6	4	10	21	48
Salford	20·8	1·2	68	24	9	–	1	1	–	1	1	–	3	4	6
Oldham	28·7	8·7	59	12	10	–	13	1	–	2	2	–	2	2	2
Bradford	20·9	2·8	74	22	16	–	1	3	–	1	–	5	3	3	5
Leeds	25·2	1·9	147	42	29	–	2	2	–	3	2	2	7	15	14
Sheffield	28·5	6·7	158	26	23	1	3	25	1	1	2	4	4	6	10
Hull	31·0	0·7	85	21	27	–	–	–	–	1	1	–	2	2	9
Sunderland	31·6	7·4	68	20	9	–	5	4	–	5	1	1	1	1	4
Newcastle-on-Tyne	28·1	4·7	78	20	18	–	1	4	1	2	3	2	3	3	10
Dublin	34·2	5·5	206	28	50	10	3	1	–	4	11	4	5	3	74

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the FOURTEENTH Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2375	2225	2358	2100	2359	2368	2420	2367	2566	2525	2366·3	2613
Males . .	1192	1133	1207	1095	1193	1216	1227	1222	1320	1279	1208·4	1321
Females .	1183	1092	1151	1005	1166	1152	1193	1145	1246	1246	1157·9	1292
TOTAL **Deaths**	1346	1550	1631	1493	1559	1438	1387	1759	1581	1922	1566·6	1877
Males . .	658	829	859	760	801	770	752	910	843	944	812·6	981
Females .	688	721	772	733	758	668	635	849	738	978	754·0	896

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Jan. 12.	Jan. 19.	Jan. 26.	Feb. 2.	Feb. 9.	Feb. 16.	Feb. 23.	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.
TOTAL **Deaths** - - -	1760	1903	1864	1703	1813	1927	1756	1637	1580	1526	1676	1766	1877
0—20 - -	867	918	899	788	855	896	839	823	807	767	854	899	900
20—40 - -	230	240	203	248	245	246	212	202	216	196	198	214	230
40—60 - -	288	298	335	276	305	331	263	254	249	245	283	296	346
60—80 - -	309	373	359	320	326	376	358	297	260	257	276	295	323
at 80 years & upwds.	66	74	68	71	82	78	84	61	48	61	65	62	78
Deaths of children: Under 1 year -	380	416	409	318	393	412	397	381	370	352	386	390	381
Deaths of children: 1—5 - - -	363	397	365	342	344	340	326	333	331	301	351	368	402
Deaths of children: 5—20 - -	124	105	125	128	118	144	116	109	106	114	117	141	117
Deaths from 7 principal Zymotic Diseases	299	291	304	266	306	295	257	288	259	243	277	339	319
" " Smallpox - -	35	51	34	38	55	47	39	54	34	53	42	48	55
" " Measles - -	97	77	63	56	40	43	40	41	46	32	34	35	30
" " Scarlet Fever -	39	35	39	43	37	32	34	35	35	28	22	47	42
" " Diphtheria -	9	5	6	9	10	5	9	8	7	6	13	12	8
" " Whooping-cough	69	94	117	89	114	124	100	112	102	84	124	158	146
" " Typhus fever -	7	4	3	5	3	2	5	5	6	9	2	3	4
" " Enteric (or Typhoid) fever -	19	15	23	12	21	24	16	18	17	16	25	23	20
" " Simple Contd fever	7	2	6	3	4	4	3	4	5	2	2	2	5
" " Diarrhœa - -	17	8	13	11	22	14	11	11	7	13	13	11	9
" " Simple Cholera -	–	–	–	1	–	–	–	–	–	–	1	–	–
" " Dis. of Respiratory Organs -	464	541	455	448	502	544	475	413	362	340	402	421	474
" " Phthisis - -	177	168	174	167	166	199	168	156	162	174	154	169	208
" " Heart Diseases -	100	103	121	111	95	112	108	94	75	86	89	118	111
Violent Deaths - - -	65	71	56	53	48	61	60	48	51	35	53	57	39
Inquest Cases - - -	134	137	97	95	96	127	115	106	96	72	98	118	102
Deaths in Public Institutions	302	358	336	324	332	387	353	290	294	294	333	334	358
TEMPERATURE OF THE AIR:	°	°	°	°	°	°	°	°	°	°	°	°	°
Mean - - -	36·9	42·9	42·3	36·2	35·1	42·6	46·5	48·7	46·6	40·5	43·3	35·5	40·4
Mean of Highest readings -	41·1	47·9	46·7	40·8	38·5	48·0	52·7	53·4	53·1	48·3	50·5	44·6	50·3
Mean of Lowest readings -	32·5	36·8	37·5	31·0	31·9	36·4	41·5	4·44	41·3	33·7	37·3	29·1	31·8
Mean Temperature of the Water of the Thames -	41·9	39·8	43·0	39·8	38·1	39·6	45·1	47·0	49·1	47·0	45·7	44·0	41·4
Humidity of the Air - -	82	83	80	87	92	91	83	81	72	74	75	76	78
Rain-fall in inches - -	0·02	0·02	0·11	0·42	0·05	0·80	0·03	0·34	0·00	0·09	0·00	0·71	0·38
Registered Sunshine (in hours)	8·1	6·5	11·6	11·8	3·8	8·2	15·8	4·2	19·4	19·1	9·9	18·2	34·6

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FOURTEENTH Week of the Year 1878.

CAUSES OF DEATH.	Average in the Fourteenth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, April 6, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
Mean Temperature -	46°·3	40°·4							
ALL CAUSES - -	1566·6	1877	381	402	117	230	346	323	78
SPECIFIED CAUSES	1560·2	1877	381	402	117	230	346	323	78
I. ZYMOTIC.									
ORDER 1.									
1. Small-pox - - -	39·2	55	10	6	11	22	6	-	-
2. Measles - - -	38·1	30	7	20	2	-	1	-	-
3. Scarlet Fever - -	28·4	42	-	28	10	3	1	-	-
4. Diphtheria - -	6·2	8	-	4	4	-	-	-	-
5. Quinsy - - -	1·1	1	-	1	-	-	-	-	-
6. Croup - - -	13·7	18	1	16	1	-	-	-	-
7. Whooping-cough -	73·8	146	56	86	4	-	-	-	-
8. Typhus - - -	28·9	4	-	-	1	1	2	-	-
— Enteric or Typhoid Fev.		20	-	4	4	7	4	1	-
— Simple continued Fev.		5	-	1	1	1	-	2	-
9. Erysipelas - -	7·7	7	3	-	-	1	1	1	1
0. Puerperal Fev. (Metria)	4·4	3	-	-	1	1	1	-	-
1. Carbuncle - -	·4	1	-	-	-	-	-	1	-
2. Influenza - - -	·5	-	-	-	-	-	-	-	-
3. Dysentery - -	·7	1	-	-	-	-	1	-	-
4. Diarrhœa - - -	14·5	9	4	2	-	1	-	2	-
5. Simple Cholera - -	·3	-	-	-	-	-	-	-	-
6. Ague - - - -	·4	-	-	-	-	-	-	-	-
7. Remittent Fever -	·2	-	-	-	-	-	-	-	-
8. Rheumatism - -	10·4	8	-	-	2	4	2	-	-
9. Other *Zymotic* Diseases	·1	-	-	-	-	-	-	-	-
ORDER 2.									
1. Syphilis - - -	6·7	7	6	-	-	1	-	-	-
2. Stricture of Urethra -	1·4	2	-	-	-	-	1	1	-
3. Hydrophobia - -	—	-	-	-	-	-	-	-	-
4. Glanders - - -	—	-	-	-	-	-	-	-	-
ORDER 3.									
1. Privation - - -	·6	-	-	-	-	-	-	-	-
2. Want of Breast-milk-	7·3	6	6	-	-	-	-	-	-
3. Purpura and Scurvy -	3·5	3	-	2	1	-	-	-	-
4. Alcoholism { a Del. Tremens	2·1	1	-	-	-	-	-	-	1
{ b Intemperance	1·8	2	-	-	-	1	1	-	-
ORDER 4.									
1. Thrush - - -	2·3	4	4	-	-	-	-	-	-
2. Worms, &c. - -	·3	1	-	-	-	1	-	-	-
II. CONSTITUTIONAL.									
ORDER 1.									
1. Gout - - - -	2·8	2	-	-	-	-	-	2	-
2. Dropsy - - -	11·6	6	-	-	-	1	1	2	2
3. Cancer - - -	30·0	41	-	-	-	2	24	15	-
4. Cancrum Oris (Noma)	·5	1	1	-	-	-	-	-	-
5. Mortification - -	2·4	5	-	-	-	-	1	4	-
ORDER 2.									
1. Scrofula - - -	10·8	17	4	9	4	-	-	-	-
2. Tabes Mesenterica -	29·7	31	13	15	2	-	1	-	-
3. Phthisis - - -	186·1	208	3	7	18	93	72	15	-
4. Hydrocephalus - -	30·6	41	8	26	5	-	2	-	-
III. LOCAL.									
ORDER 1.									
1. Cephalitis - - -	22·6	19	2	11	4	1	1	-	-
2. Apoplexy - - -	38·2	46	-	2	-	-	18	20	6
3. Paralysis - - -	31·8	46	-	-	1	1	10	30	4
4. Insanity - - -	2·7	2	-	-	-	-	-	2	-
5. Chorea - - -	·5	-	-	-	-	-	-	-	-
6. Epilepsy - - -	8·6	9	-	1	1	2	2	3	-
7. Convulsions - -	54·0	55	35	19	-	1	-	-	-
8. *Brain Disease, &c.* -	19·2	14	-	1	1	-	4	8	-
ORDER 2.									
1. Pericarditis - -	2·2	8	-	-	1	3	3	1	-
2. Aneurism - - -	2·1	2	-	-	-	1	-	1	-
3. *Heart Disease, &c.* -	76·1	103	1	2	9	17	36	36	2
ORDER 3.									
1. Laryngitis - - -	14·4	19	5	8	2	2	-	2	-
2. Bronchitis - - -	231·0	296	56	52	8	8	57	93	22
3. Pleurisy - - -	4·8	5	-	-	-	3	2	-	-
4. Pneumonia - -	100·7	130	30	48	2	14	19	15	2
5. Asthma - - -	12·8	3	-	-	-	-	3	-	-
6. *Lung Disease, &c.* -	18·4	21	5	4	1	1	4	5	1

CAUSES OF DEATH.	Average in the Fourteen Weeks of the 10 years 1868-77.*	In the Week ending Saturday, April 6, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
Mean Temperature -	46°·3	40°·4							
ORDER 4.									
1. Gastritis - - -	1·3	2	-	-	-	1	-	1	-
2. Enteritis - - -	5·8	8	2	1	2	1	1	1	-
3. Peritonitis - - -	5·7	5	-	-	-	3	2	-	-
4. Ascites - - -	1·9	5	-	-	-	-	3	2	-
5. Ulceration of Intestines	1·5	3	-	-	-	1	1	1	-
6. Hernia - - -	3·7	2	-	-	-	1	-	1	-
7. Ileus - - - -	3·3	8	3	-	-	1	1	1	2
8. Intussusception -	1·2	3	1	-	-	1	1	-	-
9. Stricture of Intestines	·9	2	-	-	-	-	1	1	-
10. Fistula - - -	·6	1	-	-	-	-	-	1	-
11. *Stomach Disease, &c.* -	6·7	6	1	1	-	1	-	3	-
12. *Pancreas Disease, &c.*	—	-	-	-	-	-	-	-	-
13. Hepatitis - - -	3·1	5	-	-	1	-	2	2	-
14. Jaundice - - -	3·5	4	-	-	-	-	3	-	1
15. *Liver Disease, &c.* -	18·0	22	-	-	-	5	15	2	-
16. *Spleen Disease, &c.* -	—	-	-	-	-	-	-	-	-
ORDER 5.									
1. Nephritis - - -	2·1	2	-	1	-	1	-	-	-
2. Ischuria - - -	·3	1	-	-	-	-	1	-	-
3. Bright's Dis. (Nephria)	13·3	24	-	-	3	6	11	4	-
4. Diabetes - - -	1·8	4	-	-	-	-	2	2	-
5. Calculus (Stone) -	1·1	-	-	-	-	-	-	-	-
6. Cystitis - - -	1·0	2	-	-	-	-	-	-	2
7. *Kidney Disease, &c.* -	8·5	13	-	-	1	3	5	4	-
ORDER 6.									
1. Ovarian Dropsy -	·2	1	-	-	-	-	1	-	-
2. *Uterus Disease, &c.* -	4·7	5	-	-	-	1	3	1	-
ORDER 7.									
1. Synovitis (Arthritis)	·1	-	-	-	-	-	-	-	-
2. *Joint Disease, &c.* -	6·4	7	-	1	2	2	1	1	-
ORDER 8.									
1. Phlegmon - - -	2·8	4	1	-	2	1	-	-	-
2. Ulcer - - - -	1·2	-	-	-	-	-	-	-	-
3. *Skin Disease, &c.* -	1·8	2	2	-	-	-	-	-	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth -	21·3	20	20	-	-	-	-	-	-
2. Cyanosis - - -	2·2	6	4	2	-	-	-	-	-
3. Spina Bifida - -	1·2	4	4	-	-	-	-	-	-
4. Other Malformations	2·7	4	4	-	-	-	-	-	-
5. Teething - - -	22·5	26	17	9	-	-	-	-	-
ORDER 2.									
1. Paramenia - - -	·3	-	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever) - -	5·4	2	-	-	1	-	1	-	-
ORDER 3.									
1. Old Age - - -	60·9	57	-	-	-	-	-	26	31
ORDER 4.									
1. Atrophy and Debility	59·7	64	52	8	1	-	2	1	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	16·4	15	-	1	2	3	5	4	-
2. Wounds { Gunshot	·4	-	-	-	-	-	-	-	-
{ Cut, Stab		-	-	-	-	-	-	-	-
3. Burns and Scalds -	5·5	5	1	2	1	1	-	-	-
4. Poison - - -	·9	1	-	-	-	-	1	-	-
5. Drowning - - -	6·7	2	-	-	-	-	2	-	-
6. Suffocation - -	11·2	11	9	1	-	-	-	-	1
7. Otherwise - - -	2·9	-	-	-	-	-	-	-	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	1·3	-	-	-	-	-	-	-	-
ORDER 4. SUICIDE.)									
1 Wounds { Gunshot -	·5	-	-	-	-	-	-	-	-
{ Cut, Stab -	1·4	2	-	-	-	2	-	-	-
2. Poison - - -	·8	-	-	-	-	-	-	-	-
3. Drowning - - -	1·0	-	-	-	-	-	-	-	-
4. Hanging - - -	1·2	1	-	-	-	-	-	1	-
5. Otherwise - - -	·7	2	-	-	-	1	-	1	-
ORDER 5. (EXECUTION.)									
1. Hanging - - -	—	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - -	·8	-	-	-	-	-	-	-	-
Causes not specified or ill-defined - - -	5·6	-	-	-	-	-	-	-	-

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public
LONDON	3,254,260	2613	1877	381	401	55	30	42	8	146	4	20	5	9	39	102	35
WEST DISTRICTS	561,359	392	278	48	61	10	5	9	-	17	-	2	1	-	4	19	54
NORTH DISTRICTS	751,729	596	434	78	112	22	6	12	3	19	-	7	-	5	14	22	89
CENTRAL DISTRICTS	334,369	196	149	30	11	1	3	5	-	6	1	-	-	1	6	14	40
EAST DISTRICTS	639,111	583	400	98	85	7	5	3	-	43	1	6	2	1	9	25	82
SOUTH DISTRICTS	967,692	846	616	127	132	15	11	13	5	61	2	5	2	2	6	22	93
WEST DISTRICTS.																	
St. Mary Paddington *WH*	58728	37	15	2	5	-	-	-	-	1	-	-	-	-	-	1	2
St. John Paddington *H*	38085	13	19	4	5	-	-	-	-	1	-	-	-	-	1	1	[illegible]
Kensington Town *W*	91645	73	47	11	8	-	1	2	-	5	-	-	-	-	1	4	1
Brompton *H*	28654	19	11	2	1	-	1	-	-	-	-	-	-	-	-	-	3
St. Peter Hammersmith	6662	5	6	1	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith *H*	36029	47	17	3	4	-	-	-	-	-	-	-	-	-	-	1	-
Fulham *WwH*	23350	29	29	5	4	10	-	3	-	-	-	-	-	-	-	1	13
Chelsea South *HHH*	26420	22	13	2	2	-	-	-	-	2	-	-	-	-	-	2	1
Chelsea North-west *WHHHH*	22926	16	11	4	1	-	-	-	-	1	-	-	-	-	-	-	2
Chelsea North-east	21392	32	10	1	4	-	-	1	-	-	-	-	-	-	-	1	-
Hanover Square *H*	18698	7	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
May Fair *WW*	13358	6	10	-	9	-	-	-	-	-	-	-	-	-	-	-	8
Belgrave *HH*	57972	26	31	3	5	-	-	-	-	2	-	1	1	-	2	2	10
St. John Westminster *HH*	38478	24	15	2	4	-	-	-	-	3	-	-	-	-	-	3	-
St. Margaret Westminster *WH*	27781	11	18	2	2	-	1	-	-	2	-	1	-	-	-	2	4
Golden Square *WH*	12860	5	8	1	3	-	1	2	-	-	-	-	-	-	-	-	-
Berwick-street *H*	20759	13	8	3	-	-	1	1	-	-	-	-	-	-	-	1	-
St. Anne Soho *HHHHH*	17562	7	7	2	1	-	-	-	-	-	-	-	-	-	-	-	1
NORTH DISTRICTS.																	
All Souls Marylebone *HHHH*	28579	12	12	2	1	-	-	-	-	2	-	-	-	-	-	-	4
Cavendish Square *HH*	15425	4	2	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Rectory Marylebone *WH*	26384	14	22	1	9	-	-	-	-	-	-	1	-	-	-	-	1
St. Mary Marylebone *HHH*	21786	24	6	1	1	1	-	-	-	1	-	-	-	-	-	-	-
Christchurch Marylebone *H*	33944	34	16	2	6	-	-	1	-	-	-	-	-	-	-	-	-
St. John Marylebone *H*	33136	20	20	4	6	-	-	-	-	2	-	-	-	1	1	2	-
Hampstead *WwHH*	32281	16	26	1	8	8	-	-	1	-	-	-	-	-	1	1	1
Regent's Park Pancras	38200	22	16	3	4	-	1	-	-	1	-	1	-	-	-	-	-
Tottenham-court *wHHH*	29370	20	19	4	4	-	-	-	-	2	-	-	-	-	-	-	5
Gray's Inn Lane *HHH*	29221	23	16	1	6	1	-	1	-	-	-	1	-	-	2	4	-
Somers Town	38533	29	21	5	8	-	1	1	-	1	-	-	-	1	2	2	-
Camden Town *WH*	17943	17	13	2	8	-	-	1	-	-	-	-	-	-	-	-	-
Kentish Town *w*	68198	49	38	11	8	-	-	3	-	2	-	-	-	-	3	4	-
Islington West *HHH*	97820	79	50	15	7	1	-	1	1	2	-	2	-	-	1	4	-
Islington East *WwwH*	115958	115	70	11	15	3	4	1	-	4	-	-	-	3	2	2	1
Stoke Newington *H*	9841	11	5	-	2	-	-	-	-	-	-	-	-	-	1	1	-
Stamford Hill	6598	8	7	3	-	-	-	-	1	-	-	-	-	-	-	-	-
West Hackney	28069	24	19	3	6	-	-	3	-	-	-	1	-	-	-	-	-
Hackney *WwwHL*	50104	41	40	5	10	7	-	-	-	-	-	1	-	-	-	-	1
South Hackney	30339	34	16	4	3	1	-	-	-	1	-	-	-	-	1	2	-
CENTRAL DISTRICTS.																	
St. George Bloomsbury	17853	8	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Giles South *WH*	19109	11	6	1	1	-	-	-	-	1	-	-	-	-	-	2	-
St. Giles North	16594	12	6	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Long Acre	11379	5	6	2	-	-	-	-	-	-	-	-	-	1	-	-	-
Charing Cross *HH*	9859	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary-le-Strand	9378	6	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes *H*	10723	4	7	-	1	-	-	-	-	1	-	-	-	-	1	1	-
St. George-the-Martyr *HHHHH*	20521	14	18	2	1	-	1	-	-	-	-	-	-	-	-	-	1
St. Andrew Eastern *W*	13529	3	13	1	1	-	-	-	-	1	-	-	-	-	-	1	-
Saffron Hill *H*	9066	7	4	1	-	1	1	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell *W*	18917	15	8	-	1	-	1	1	-	1	-	-	-	-	-	-	-
Amwell Clerkenwell	16884	6	7	2	-	-	-	2	-	-	-	-	-	-	-	-	-
Pentonville	13337	13	3	2	1	-	-	-	-	-	-	-	-	-	-	1	-
Goswell-street	16242	18	5	2	1	-	-	1	-	-	-	-	-	-	1	1	-
Old-street *H*	12161	7	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
City-road *HHL*	18301	18	12	4	1	-	-	1	-	-	-	-	-	-	-	1	-
Whitecross-street	13792	8	5	2	-	-	-	-	-	1	-	-	-	-	1	1	-
Finsbury	10741	3	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph East London *H*	14540	9	3	2	-	-	-	-	-	-	1	-	-	-	-	-	-
Cripplegate	13638	8	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-
St. Sepulchre *H*	7562	4	17	-	1	-	-	-	-	1	-	-	-	-	2	4	[illegible]
St. Bride *W*	11185	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard	4426	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch	6270	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe	4753	4	2	-	-	-	-	-	-	-	-	-	-	-	1	1	-
Allhallows Barking	5764	2	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street *H*	7845	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: *W*—Workhous *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see no at the foot of next page.

EVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
ıturday, 6th April 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
olywell Shoreditch	12430	6	5	1	1	-	-	-	-	2	-	-	-	-	-	-	-
t. Leonard Shoreditch *HL*†	16545	13	6	3	-	-	-	-	-	3	-	-	-	-	-	1	-
oxton New Town *w*	27835	26	21	3	7	-	1	-	-	4	-	-	-	-	1	2	6
oxton Old Town	26933	16	14	6	3	-	-	-	-	2	-	-	-	-	1	2	-
aggerston * *WH*	43421	45	20	3	6	-	-	1	-	2	1	2	-	1	-	-	3
ackney-road *H*	29822	33	13	6	1	-	-	-	-	3	-	-	-	-	-	-	-
reen, Bethnal Green *WHL*†	42433	40	30	8	8	1	-	-	-	2	-	-	-	-	1	3	11
hurch, Bethnal Green	26577	34	12	5	-	-	-	1	-	4	-	-	-	-	-	-	-
own, Bethnal Green	21272	24	5	-	-	-	-	-	-	1	-	-	-	-	-	-	-
pitalfields *H*	22499	15	7	4	1	-	-	-	-	2	-	-	-	-	1	1	-
ile End New Town *W*	15550	12	13	2	3	-	-	-	-	-	-	-	-	-	-	-	9
hitechapel North	11597	6	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
hitechapel Church *H*	7322	6	16	3	-	-	-	1	-	-	-	-	-	-	-	-	11
oodman's Fields	10381	11	7	3	1	1	-	-	-	-	-	1	-	-	-	-	-
ldgate	9224	1	3	-	2	-	-	-	-	-	-	-	-	-	-	1	-
t. Mary St. George East	17900	17	8	2	1	-	-	-	-	1	-	-	-	-	-	2	-
t. Paul St. George East	21350	18	15	2	5	-	-	-	-	3	-	-	1	-	-	3	-
t. John St. George East *W*	8802	6	15	1	8	-	-	-	-	2	-	-	-	-	-	1	11
hadwell *H*	11640	6	14	6	2	-	-	-	-	2	-	1	-	-	-	-	6
atcliff	16131	12	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-
imehouse	29919	28	23	5	4	-	2	-	-	2	-	1	1	-	1	1	-
ile End Old Town Western	38128	33	19	6	4	1	-	-	-	2	-	-	-	-	-	-	-
ile End Old Town Eastern *WwwH*	55024	44	39	8	10	2	1	-	-	3	-	-	-	-	1	1	8
ow *wwwH*	67765	88	56	15	13	2	-	-	-	1	-	-	-	-	2	3	16
oplar *WW*	48611	43	30	4	5	-	1	-	-	2	-	1	-	-	1	4	1
SOUTH DISTRICTS.																	
hristchurch Southwark *WH*	14573	15	11	4	3	-	-	-	-	1	-	-	-	-	-	1	2
t. Saviour Southwark *H*	15677	11	6	1	1	-	1	-	-	-	-	-	-	-	-	-	-
ent-road	20421	20	5	1	1	-	-	-	-	-	-	-	-	-	-	1	-
orough-road *WH*	16695	10	16	3	-	-	-	1	-	4	-	-	-	-	-	4	3
ondon-road *HL*	18961	15	12	1	2	-	-	2	-	-	-	-	-	-	1	1	-
rinity Newington	23682	22	13	2	-	-	-	1	-	1	-	-	-	-	-	1	-
t. Peter Walworth *W*	48248	37	37	9	10	-	-	-	-	7	-	-	-	-	-	-	11
t. Mary Newington	16792	16	10	3	1	-	-	-	-	2	-	-	-	-	-	-	-
t. Olave Southwark *H*	4373	1	9	1	1	-	-	-	-	-	-	-	-	-	1	2	7
t. John Horsleydown *W*	10500	10	17	8	3	-	-	-	-	4	-	-	1	1	-	-	4
eather Market	16787	6	9	3	-	-	-	-	-	4	-	1	-	-	-	-	-
t. Mary Magdalen *W*	15709	5	12	1	5	-	-	-	-	2	-	-	-	-	-	-	4
t. James Bermondsey	47933	55	26	9	3	1	-	-	-	3	-	-	-	-	-	1	-
otherhithe *W*	27096	20	8	1	2	-	-	-	-	-	-	1	-	-	-	-	1
aterloo-road 1st *H*	14074	14	10	2	2	-	-	-	-	3	-	-	-	-	-	-	-
aterloo-road 2nd *H*	18465	9	6	2	2	-	-	-	-	1	-	-	-	-	-	-	-
ambeth Church 1st *H*	19492	9	16	5	1	-	-	-	-	4	-	-	-	-	1	1	6
ambeth Church 2nd *WW*	35833	39	31	5	11	1	1	-	-	1	-	-	-	-	1	2	10
ennington 1st	41286	27	16	3	5	-	-	-	-	4	-	-	-	-	-	-	-
ennington 2nd	31221	29	15	3	4	-	-	-	-	-	-	-	-	1	-	3	-
rixton *w*	35435	52	32	4	4	10	-	2	-	2	2	1	-	-	-	-	13
orwood *W*	12536	16	7	2	1	1	-	-	1	2	-	-	-	-	-	-	-
lapham *H*	27847	20	3	-	1	-	-	-	-	-	-	-	-	-	-	-	
attersea *Ww*	54016	56	41	4	11	-	3	-	-	3	-	-	-	-	-	-	7
andsworth *HL*	19783	20	17	3	3	-	-	-	-	-	-	-	-	-	-	-	6
utney	9439	2	3	-	-	-	1	-	-	-	-	-	-	-	-	-	-
treatham	14475	11	6	2	2	-	-	-	-	-	-	-	-	-	-	-	-
ulwich	4041	1	2	-	2	-	-	-	-	-	-	-	-	-	1	1	-
amberwell *WL*†*L*†	31254	32	26	3	11	-	-	1	-	2	-	-	-	-	-	-	9
eckham *W*	42160	59	34	12	7	1	1	1	1	3	-	-	-	-	-	1	-
. George Camberwell	33851	30	23	4	2	1	-	-	-	4	-	-	1	-	1	3	-
. Paul Deptford *w*	53714	53	30	5	2	-	-	1	2	-	-	1	-	-	-	-	-
. Nicholas Deptford	6474	8	5	1	-	-	-	-	-	1	-	-	-	-	-	-	-
reenwich West	21034	8	19	5	5	-	2	-	-	1	-	-	-	-	-	-	-
reenwich East *WH*	19378	20	15	4	6	-	2	-	-	-	-	-	-	-	-	-	6
tham *H*	4539	3	4	-	-	-	-	1	-	-	-	-	-	-	-	-	-
e	16440	9	4	-	4	-	-	-	-	-	-	-	-	-	-	-	-
ewisham Village *WH*	11513	12	13	2	3	-	-	3	-	-	-	-	-	-	-	-	-
denham *H*	19065	14	8	3	2	-	-	-	-	1	-	-	-	-	-	-	-
arlton *H*	9564	5	10	3	3	-	-	-	1	-	-	-	-	-	-	-	-
oolwich Dockyard	17226	13	7	1	2	-	-	-	-	-	-	-	-	-	-	-	-
oolwich Arsenal *WHH*	18331	7	10	2	1	-	-	-	-	1	-	1	-	-	-	-	-
umstead, West	13027	13	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
umstead, East *W*	15232	12	8	-	3	-	-	-	-	-	-	-	-	-	-	-	4

he following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the ve Table by *w*:—

Central London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary " " "
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.
London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

The two sub-districts of Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston -district.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 6th April 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
	LONDON—OUTER RING	368,414	631,381	590	313	62	79	6	5	9	4	8	4	3	7	14
29 : 1	Carshalton *wL* - - -	12228	13523	11	9	1	1	1	-	-	-	-	-	-	-	-
2	Epsom (*part of*) * *WH* -	9971	9145	3	6	2	1	-	-	-	-	-	-	-	-	-
36 : 1	Godstone (*part of*) * - -	2754	900	1	-	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	48	22	7	7	-	-	-	-	-	-	-	-	1
2	Mitcham *WH* - - -	11697	12534	9	5	-	2	-	-	-	-	-	-	-	-	-
38 : 1	Wimbledon *HH* - -	3220	9087	11	-	-	-	-	-	-	-	-	-	-	-	-
2	Kingston *WH* - - -	8549	27489	17	8	-	6	-	-	-	-	-	-	-	-	-
3	Esher (*part of*) * - -	6601	7353	11	1	-	-	-	-	-	-	-	1	-	-	-
4	Hampton - - - -	4573	10185	13	5	2	1	-	-	-	-	-	-	-	-	-
39 : 1	Richmond *WH* - - -	2271	16829	8	8	-	4	-	-	-	-	-	-	-	-	-
2	Mortlake - - - -	2961	9316	4	3	1	-	-	-	-	-	-	-	-	1	1
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	20	7	-	2	-	-	1	-	-	-	-	-	-
2	Chislehurst (*part of*) * *W* -	13665	10028	5	4	1	2	-	-	-	-	1	-	-	-	-
41 : 1	Bexley *H* - - - -	13439	19566	14	6	1	4	-	-	-	-	-	-	-	-	-
123 : 1	Sunbury *W* - - -	11055	9860	2	3	-	1	-	-	-	-	-	-	-	-	-
2	Staines *W* - - - -	13277	10339	7	7	1	1	-	-	-	-	2	-	-	-	1
124 : 1	Hillingdon *WH* - - -	6029	9712	10	3	-	2	-	-	-	-	-	-	-	-	-
2	Uxbridge - - - -	6178	5329	6	2	-	1	-	-	-	-	-	1	-	-	-
3	Hayes *WL* - - - -	14587	10497	13	6	-	1	-	-	-	-	-	-	-	-	1
125 : 1	Isleworth *W* - - -	7008	19930	22	13	3	4	-	-	-	-	-	1	-	-	-
2	Twickenham - - -	2477	10533	4	3	-	2	-	-	-	-	-	-	-	-	1
3	Brentford *HL* - - -	4370	20279	11	11	2	4	-	1	-	-	-	-	2	-	-
4	Chiswick - - - -	1311	8508	6	5	1	2	-	-	-	-	-	-	1	-	-
5	Acton *WH* - - - -	6087	12683	15	10	2	2	-	-	-	-	2	-	-	-	-
126 : 1	Harrow *H* - - - -	13809	10869	7	3	-	-	-	-	-	-	-	-	-	-	1
2	Edgware *H* - - -	6994	3450	5	2	1	1	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	15	7	1	1	-	-	-	-	-	1	-	-	2
4	Hendon *WH* - - -	8382	6972	12	6	4	1	-	1	-	-	-	-	-	-	-
127 : 1	South Mimms - - -	15419	5924	4	3	1	2	-	-	-	-	-	-	-	-	-
2	Barnet *W* - - - -	5423	7752	3	1	-	-	-	-	-	-	-	-	-	-	-
3	Finchley *L* - - - -	4688	11493	7	11	-	2	-	-	-	1	-	-	-	-	-
128 : 1	Hornsey *H* - - - -	3039	19357	26	13	3	1	-	1	-	1	1	-	-	1	2
2	Tottenham *H* - - -	4642	22869	25	9	2	-	-	-	1	1	1	-	-	-	-
3	Edmonton *WW* - - -	7483	13860	12	17	2	6	3	2	-	-	-	-	-	-	-
4	Enfield *WH* - - -	12653	16054	6	10	4	2	-	-	1	-	-	-	-	1	1
5	Waltham Abbey - - -	11017	5197	2	2	-	-	-	-	1	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	7	2	-	-	-	-	-	-	-	-	-	1	1
134 : 1	Hatfield (*part of*) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	3	2	1	-	-	-	-	-	-	-	-	-	-
185 : 1	Stratford - - - -	882	23286	35	17	7	4	-	-	2	1	1	-	-	-	-
2	West Ham *WWWW* - -	7345	44642	84	31	7	4	2	-	1	-	-	-	-	1	1
3	Leyton *WW* - - -	4274	15513	22	14	3	3	-	-	1	-	-	-	-	1	-
4	Walthamstow *H* - -	6619	15701	17	4	-	1	-	-	-	-	-	-	-	1	1
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	9	6	1	1	-	-	1	-	-	-	-	-	-
188 : 1	Romford (*part of*) * - -	6730	2879	4	1	1	-	-	-	-	-	-	-	-	-	-
2	Ilford - - - - -	8492	5947	8	3	-	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	6	2	-	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Godst sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 90 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoydon- (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 6th April, 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	
GREATER LONDON	446,494	4,450,015	25·7	4·2	2190	443	480	61	35	51	12	154	33	12	46	411
INNER LONDON -	78,080	3,577,304	27·4	4·7	1877	381	401	55	30	42	8	146	29	9	39	358
OUTER RING -	368,414	872,711	18·7	2·3	313	62	79	6	5	9	4	8	4	3	7	53

NOTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal o 697·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area f 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, f which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 1 miles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,759,796 Persons.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	March	2	-	270	32·7	Small-pox 27; cholera 44; ent. and simple fevs. 58.
BOMBAY - -	644,405	February	26	-	529	42·7	Remittent fever 208; sm.-pox 10; cholera 33.
		March	5	-	528	42·6	Remittent fever 197; sm.-pox 11; cholera 30.
MADRAS - -	397,552	February	15	253	447	58·4	Small-pox 28; fevers 114; dysentery 97.
PARIS - -	1,988,806	April	4	-	1166	30·5	Typhoid fever 18; diphtheria 36; croup 31.
GENEVA - -	68,792	March	30	34	35	26·5	Diphtheria and croup 2.
BRUSSELS - -	175,782	"	30	110	109	32·4	—
AMSTERDAM -	302,266	"	30	-	-	-	—
ROTTERDAM -	142,585	"	30	-	-	-	—
THE HAGUE -	107,896	"	30	-	-	-	—
COPENHAGEN -	220,000	"	26	116	118	28·0	Diphtheria 2.
STOCKHOLM -	146,845	"	23	-	66	23·3	Scarlet fever 3.
CHRISTIANIA -	105,000	"	30	95	47	22·8	—
ST. PETERSBURGH	669,741	"	23	-	761	59·1	Small-pox 8; typhus and typhoid fever 153.
BERLIN - -	1,019,620	"	16	833	502	25·6	Scarlet fever 9; diphtheria 20.
HAMBURG (State)	406,104	"	23	330	217	27·9	Whoop.-cough 5; diph. and croup 8; typhus 5.
DRESDEN - -	207,845	"	23	164	96	24·0	—
BRESLAU - -	267,000	"	30	208	166	32·3	Scarlet fever 2; fevers 4.
MUNICH - -	222,000	"	30	190	172	40·0	Diphtheria and croup 10; typhus & typhd. fev. 4.
VIENNA - -	727,271	"	30	534	508	36·3	Small-pox 16; diphtheria 21; scarlet fever 8.
BUDA-PESTH -	319,530	"	23	249	305	49·8	Small-pox 3; typhus and typhd. fev. 8; scar. fev. 7.
ROME - -	282,214	"	2	140	204	37·7	Diphtheria and croup 6; scarlet fever 4.
		"	9	138	205	37·9	Diphtheria and croup 9; typhus & typhd. fev. 3.
NAPLES - -	457,407	February	25	-	360	41·1	Typhus and typhd. fev. 7; diphtheria 5.
TURIN - -	227,843	March	23	116	201	46·0	Diphtheria and croup 12; typhus & typhd. fev. 6.
VENICE - -	139,796	"	23	62	118	44·0	Typhoid fever 3.
ALEXANDRIA -	212,034	"	21	200	166	40·8	Small-pox 2; diphtheria 3.
NEW YORK -	1,083,371	"	9	-	571	27·4	Scarlet fever 25; diphtheria 18; croup 23.
BROOKLYN -	549,468	"	9	-	176	16·1	Scarlet fever 6; diphtheria 7.
PHILADELPHIA -	876,118	"	16	-	300	17·9	Scarlet fever 12; typhoid fever 6; diphtheria 9.
BOSTON - -	363,000	"	9	-	155	22·2	Diphtheria 10.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 6th APRIL, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.	Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Difference. Between Dew Point Temperature and Air Temperature. Greatest.	Difference. Between Dew Point Temperature and Air Temperature. Least.	Difference. Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. Osler's. General Direction. P.M.	Wind. Osler's. Pressure on square foot. Greatest.	Wind. Osler's. Pressure on square foot. Least.	Wind. Osler's. Pressure on square foot. Mean of 24 Obs.	Wind. Robinson's. Amount of Horizontal Movement of Air each day.	Wind. Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
MARCH.		in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN. . 31	Apogee.	29·249	45·8	29·1	16·7	38·0	30·6	98·7	22·9	42·5	40·3	7·4	13·9	4·6	− 6·0	75	NW. & W.	SW.	7·0	0·0	0·9	438	+136	0·13	6·0
APRIL.																									
MON. . 1	In Equator	29·009	47·1	26·9	20·2	36·6	29·4	106·3	23·0	42·1	39·8	7·2	15·5	0·0	− 7·6	75	N. & NW.	W. & WSW.	8·5	0·0	0·5	345	+ 49	0·01	2·7
TUES. . 2	New	29·170	50·9	33·0	17·9	41·0	31·6	107·5	29·7	41·8	39·8	9·4	16·2	5·0	− 3·4	69	WSW. & W.	W.	7·4	0·0	1·4	557	+266	0·01	6·8
WED. . 3	..	29·324	45·2	35·7	9·5	39·9	38·5	62·0	29·7	42·3	40·3	1·4	4·7	0·0	− 4·7	95	WSW. & SW.	SW. & WSW.	2·5	0·0	0·1	304	+ 13	0·17	6·5
THURS. 4	..	29·631	54·3	33·0	21·3	42·5	35·2	105·6	28·0	42·3	40·3	7·3	16·2	0·0	− 2·3	75	WSW.	WSW. & SSW.	0·0	0·0	0·0	191	−109	0·00	0·0
FRI. . 5	..	29·725	51·9	34·9	17·0	42·3	36·4	107·3	28·1	42·5	40·3	5·9	12·4	0·5	− 2·6	80	SW. & WSW.	SW. & NW.	2·7	0·0	0·1	200	−110	0·06	0·0
SAT. . 6	..	29·976	56·7	30·1	26·6	42·7	36·8	112·1	23·9	43·5	41·3	5·9	18·2	0·4	− 2·3	80	Variable.	SE. & ESE.	0·5	0·0	0·0	131	−184	0·00	3·2
MEANS .	..	29·441	50·3	31·8	18·5	40·4	34·1	99·9	26·5	42·4	40·3	6·4	13·9	1·5	− 4·1	78	SW.		..	..	..	Sum 2166	Sum + 61	Sum 0·38	3·6
No. of Col.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	

DATE. March.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY .	31	The electrical apparatus was not in action throughout the week.	3·7	12·8	Fine but cloudy in morning; overcast with rain and snow in afternoon and evening.
APRIL.					
MONDAY .	1		4·5	12·9	Snow fell in the early morning hours; generally fine throughout the day, with slight showers in afternoon; cloudless at night.
TUESDAY .	2		8·1	13·0	Partially cloudy till evening; with showers in afternoon; fine and cloudless at night.
WEDNESDAY	3		0·4	13·0	Overcast with rain till evening; cloudless at night.
THURSDAY .	4		5·5	13·1	Fine; partially cloudy till evening; cloudless at night.
FRIDAY .	5		5·4	13·2	Partially cloudy till evening, with showers of rain accompanied by lightning and thunder in afternoon; cloudless at night, with slight fog and hoar frost.
SATURDAY .	6		7·0	13·2	Foggy in early morning. Find and partially cloudy throughout day; cloudless at night.
..		..	Sum 34·6	Sum 91·2	
No. of Col. .		28	29	30	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and − "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 29·30 in. at the beginning of the week to 29·35 in. by 9h. A.M. on the 31st of March; decreased to 28·99 in. by 9h. A.M. on the 1st of April; increased to 29·37 in. by 9h. A.M. on the 3rd; decreased to 29·22 in. by 3h. P.M. on same day; and increased to 29·93 in. by [illegible]

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

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General Register Office, Somerset House,
April 15th, 1878.

United Kingdom.

During last week 6209 *births* and 4247 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The natural increase of population was 1962. The mortality from all causes was at the average rate of 26 deaths annually in every 1000 persons living. The annual death-rate was 30 per 1000 in Edinburgh, 25 in Glasgow, and 33 in Dublin; small-pox caused 15 deaths in Dublin, against 7 and 10 in the two preceding weeks.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Norwich 19, Portsmouth 19, Newcastle-upon-Tyne 19, Bradford 19, Hull 20, Nottingham 21, Oldham 22, Birmingham 23, Leeds 23, Bristol 23, Sunderland 24, Wolverhampton 24, Salford 25, Sheffield 25, Leicester 25, London 28, Liverpool 29, Brighton 30, Manchester 31, and the highest rate 40 in Plymouth. The annual death-rate from the seven principal zymotic diseases averaged 4·3 per 1000 in the twenty towns, and ranged from 1·4 and 1·5 in Newcastle-upon-Tyne and Brighton, to 5·6 in Sunderland and Wolverhampton, and 10·6 in Plymouth. Both measles and whooping-cough showed fatal prevalence in Plymouth. Small-pox caused 58 deaths in London, one in Liverpool (case imported from Dublin), and one in Sunderland. Another fatal case of measles was recorded in the Manchester Workhouse at Crumpsall, making 59 that have occurred in this institution since the beginning of 1877.

London.

In London 2581 births and 1895 deaths were registered. Allowing for increase of population, the births exceeded by 66, and the deaths by 277, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the four preceding weeks had steadily increased from 22·3 to 27·4 per 1000, further rose last week to 27·6.

The 1895 deaths included 58 from small-pox, 40 from measles, 36 from scarlet fever, 9 from diphtheria, 157 from whooping-cough, 32 from different forms of fever, and 14 from diarrhœa; thus to the seven principal diseases of the zymotic class 346 deaths were referred, against 339 and 319 in the two preceding weeks. These 346 deaths were 108 above the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 5·0 per 1000. The epidemic of whooping-cough shows no abatement; it caused 157 deaths last week against 158 and 146 in the two preceding weeks, and included 29 in the North, 38 in the East, and 62 in the South groups of districts; 15 fatal cases occurred in Islington, 10 in Shoreditch, 11 in Bethnal Green, 17 in Southwark, 13 in Newington, 12 in Lambeth, and 10 in Camberwell. During the past fifteen weeks of this year the fatal cases of whooping-cough in London have averaged 112, whereas the average weekly number in the corresponding period of the 38 years 1840–77, did not exceed 58; the most fatal epidemic during those 38 years occurred in 1872, when the average weekly number of deaths from whooping-cough was 105 during the corresponding fifteen weeks. The 40 deaths from measles last week exceeded the numbers in recent weeks, and included 7 in Islington, and 18 in South London, of which 4 occurred in Battersea. The 36 fatal cases of scarlet fever showed a further decline from the numbers in the two previous weeks. Of the 9 deaths from diphtheria, 3 occurred in Lambeth, of which 2 were recorded in St. Thomas's Hospital. The deaths referred to fever, which had been 28 and 29 in the two previous weeks, further rose last week to 32, and exceeded the corrected weekly average by 4; 4 were fatal cases of typhus, 23 of enteric or typhoid fever, and 5 of simple continued fever. The 4 deceased typhus patients had resided at:—76, Harrogate Road, South Hackney; 22, Gilhams

Court, Rotherhithe; 8, Camden Place, Rotherhithe; and at 1, Stockwell Street, Peckham.

The deaths from small-pox, which had been 48 and 55 in the two preceding weeks, further rose to 58 last week, of which 27 were recorded in the Metropolitan Asylum Hospitals, 6 in the Highgate Small-pox Hospital, and 25 in private dwelling-houses. Seven of the deceased small-pox patients had resided in Islington, 5 in Pancras, 6 in Stepney, and 6 in Bow and Poplar; 16 belonged to the North, 19 to the East, and 11 to the South groups of districts. Five of the 7 fatal Islington cases occurred in private dwelling-houses; and four of the 6 in Bow and Poplar. Of the 58 fatal cases, 25 were certified as unvaccinated and 10 as vaccinated; in the remaining 23 cases the medical certificates did not give any information as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which had been 682 at the end of each of the two previous weeks, had risen to 785 on Saturday last; the number of new cases admitted during the week was 260, against 209 and 160 in the two previous weeks. The Highgate Small-pox Hospital contained 53 patients on Saturday last; on the preceding Saturday they were 52.

The death of a baker, aged 55 years, on 9th instant, in Devonshire Street, Marylebone, was referred to "hydrophobia, 4 days." No inquest was held; the cause of death was certified by a registered medical practitioner.

The widow of a labourer, whose age was stated to be 104 years, died on 6th instant, at 49, Queen Ann Street, Whitechapel.

The deaths referred to diseases of the respiratory organs, which in the four previous weeks had increased from 340 to 474, further rose last week to 497, and exceeded the corrected weekly average by 143; 295 resulted from bronchitis, and 137 from pneumonia.

Different forms of violence caused 49 deaths; 42 were the result of negligence or accident, including 10 from fractures and contusions, 4 from burns and scalds, 4 from drowning, and 18 of infants under one year of age from suffocation. The 10 deaths from fractures and contusions were thus caused:—male aged 22, thrown from a horse; female 53, run over on Metropolitan Railway; male 74, run over on the South-western Railway; female 90, and male 58, fell down stairs; male 85, fell from a chair; male 22, fell from stage; male 1, by fall (not stated how); male 56, by cheeses falling upon him; male 48, by fracture of leg through the breaking of machinery. An inquest was held in each of these 10 cases.

Greater London.

In Greater London 3054 births and 2208 deaths were registered, equal to annual rates of 35·8 and 25·9 per 1000 of the population. In the Outer Ring a fatal case of small-pox was registered in each of the sub-districts of Croydon, Twickenham, South Mimms, Stratford, and West Ham.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 42, Bombay 45, Madras 59; Paris 29; Geneva 25; Brussels 35; Amsterdam 32, Rotterdam 33, The Hague 29; Copenhagen 21; Stockholm 25; Christiania 18; St. Petersburgh 62; Berlin 27, Hamburg 26, Dresden 29, Breslau 32, Munich 32; Vienna 33, Buda-Pesth 49; Rome 38, Naples 32, Turin 51, Venice 41; Alexandria 41; New York 23, Brooklyn 17, Philadelphia 16, and Boston 19. The death-rate in the 21 European cities averaged 34 per 1000.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·86 in., the highest reading was 30·03 in. at the beginning of the week, and the lowest 29·72 in. on Wednesday afternoon. The mean temperature of the *air* was 46°·0, and 0°·3 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was below the average during the first five, and showed an excess on the last two days of the week; on Sunday the mean was 42°·1, and 3°·1 below the average, whereas on Saturday it was 51°·5, and in excess by 5°·4. The lowest night temperature was 32°·1 on Sunday, and the highest day temperature in the shade 62°·6 on Saturday; the extreme range in the week was, therefore, 30°·5. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 120°·3 on Saturday. The difference between the mean *dew-point* and *air* temperature averaged 7°·7. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police ship, was 44°·7. The mean degree of *humidity* of the air was 75, complete saturation being represented by 100; the air was, therefore, of its average dryness. The general direction of the *wind* was Easterly, and the horizontal movement of the air averaged 15·5 miles per hour, which was 3·4 above the average in the corresponding week of 16 years. *Rain* fell on three days of the week, to the aggregate amount of 2·85 inches, of which 2·82 ins. were measured during the 21 hours ending at 2 p.m. on Thursday afternoon. The duration of registered sunshine in the week was 45·4 hours, the sun being above the horizon during 94·5 hours; the recorded duration of sunshine was, therefore, equal to 48 per cent. of its possible duration.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 13th April, 1878.

CITIES AND BOROUGHS. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 13th April, 1878.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
In 23 TOWNS in the UNITED KINGDOM	220,845	8,373,953	37·9	6209	4247	65·4	29·0	45·9	7·72	0·45	1·14
LONDON	75,362	3,577,304	47·5	2581	1895	62·6	32·1	46·0	7·78	2·85	7·24
BRIGHTON	2,354	103,923	44·1	55	59	59·3	36·0	46·1	7·84	0·81	2·06
PORTSMOUTH	4,486	129,461	28·9	78	47	–	–	–	–	–	–
NORWICH	7,472	84,620	11·3	64	30	62·5	33·2	45·8	7·67	0·01	0·03
PLYMOUTH	1,395	73,599	52·8	48	56	58·5	39·5	47·3	8·50	0·71	1·80
BRISTOL	4,452	206,419	46·4	135	92	64·2	33·3	46·5	8·06	1·21	3·07
WOLVERHAMPTON	3,396	74,240	21·9	48	34	61·0	29·5	44·6	7·01	0·20	0·51
BIRMINGHAM	8,400	383,117	45·6	350	168	–	–	–	–	–	–
LEICESTER	3,200	121,473	38·0	97	59	–	–	–	–	–	–
NOTTINGHAM	9,960	165,267	16·6	115	68	65·4	29·0	45·8	7·67	0·01	0·03
LIVERPOOL	5,210	532,681	102·2	384	293	62·0	38·8	48·0	8·89	0·20	0·51
MANCHESTER	4,293	360,514	84·0	272	216	–	–	–	–	–	–
SALFORD	5,170	170,251	32·9	162	80	64·8	33·1	46·6	8·12	0·15	0·38
OLDHAM	4,666	107,366	23·0	78	45	–	–	–	–	–	–
BRADFORD	7,220	185,088	25·6	121	68	59·7	32·0	44·5	6·95	0·05	0·13
LEEDS	21,572	304,948	14·1	247	135	62·0	30·0	45·0	7·22	0·04	0·10
SHEFFIELD	19,651	289,537	14·7	252	140	61·0	29·0	45·9	7·72	0·15	0·38
HULL	3,635	143,139	39·4	132	56	60·0	32·0	43·7	6·50	0·11	0·28
SUNDERLAND	3,306	112,459	34·0	97	51	58·0	37·0	44·6	7·01	0·02	0·05
NEWCASTLE-ON-TYNE	5,371	144,570	26·9	110	53	–	–	–	–	–	–
EDINBURGH	4,191	222,371	53·1	160	128	57·8	33·0	44·9	7·17	0·20	0·51
GLASGOW	6,033	566,940	94·0	438	273	59·5	33·5	45·0	7·22	0·72	1·83
DUBLIN	10,050	314,666	31·3	185	201	64·4	40·7	49·9	9·94	0·18	0·46

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.

† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday, the 13th April, 1878.

BOROUGHS, &c. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
				Deaths of		Deaths from									
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
In 20 TOWNS	26·2	4·3	3645	875	756	60	109	85	19	230	54	40	98	183	551
LONDON	27·6	5·0	1895	415	414	58	40	36	9	157	32	14	49	99	333
BRIGHTON	29·6	1·5	59	16	14	–	1	–	–	2	–	–	–	–	7
PORTSMOUTH	18·9	1·6	47	13	9	–	1	–	–	2	–	1	1	2	8
NORWICH	18·5	2·5	30	12	9	–	–	–	–	4	–	–	–	–	3
PLYMOUTH	39·7	10·6	56	15	14	–	5	1	–	9	–	–	2	2	5
BRISTOL	23·3	1·8	92	23	21	–	3	–	–	2	–	2	3	5	15
WOLVERHAMPTON	23·9	5·6	34	6	7	–	–	1	–	5	1	1	2	3	8
BIRMINGHAM	22·9	5·2	168	43	31	–	1	16	–	12	4	5	3	5	25
LEICESTER	25·3	2·1	59	14	17	–	–	–	–	4	–	1	1	2	7
NOTTINGHAM	21·5	3·5	68	23	19	–	6	2	–	–	–	3	1	–	7
LIVERPOOL	28·7	4·8	293	74	47	1	28	4	5	7	2	2	10	12	45
MANCHESTER	31·3	3·0	216	52	45	–	4	3	2	3	2	7	4	23	37
SALFORD	24·5	3·7	80	21	13	–	1	1	1	7	2	–	5	7	14
OLDHAM	21·9	3·9	45	6	12	–	5	2	–	1	–	–	1	2	2
BRADFORD	19·2	2·3	68	17	10	–	1	3	–	3	1	–	2	2	6
LEEDS	23·1	2·1	135	35	27	–	2	3	1	1	2	3	3	7	11
SHEFFIELD	25·2	4·1	140	35	24	–	7	12	–	1	3	–	2	2	7
HULL	20·4	2·6	56	18	11	–	–	–	1	2	3	1	2	2	4
SUNDERLAND	23·7	5·6	51	22	4	1	4	1	–	5	1	–	4	5	3
NEWCASTLE-ON-TYNE	19·1	1·4	53	15	8	–	–	–	–	3	1	–	3	3	4
DUBLIN	33·3	6·6	201	28	45	15	1	4	–	14	6	–	4	5	76

Table 3. LONDON.—**Births** and **Deaths** Registered last Week, and in the Fifteenth Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
Total **Births**	2066	2157	2098	2414	2574	2220	2542	2591	2191	2654	2350·7	2581
Males . .	1074	1072	1076	1225	1334	1171	1278	1303	1163	1339	1203·5	1319
Females .	992	1085	1022	1189	1240	1049	1264	1288	1028	1315	1147·2	1262
Total **Deaths**	1274	1595	1475	1722	1470	1421	1339	1675	1434	1714	1511·9	1895
Males . .	638	817	735	836	780	746	675	871	758	896	775·2	1000
Females .	636	778	740	886	690	675	664	804	676	818	736·7	895

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77, after raising the average by 7 per cent. for increase of population.

Table 4. LONDON.—Deaths and Meteorology in the Last Thirteen Weeks.

	Jan. 19.	Jan. 26.	Feb. 2.	Feb. 9.	Feb. 16.	Feb. 23.	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.
Total **Deaths** - - -	1903	1864	1703	1813	1927	1756	1637	1580	1526	1676	1766	1877	1895
0—20 - -	918	899	788	855	896	839	823	807	767	854	899	900	954
20—40 - -	240	203	248	245	246	212	202	216	196	198	214	230	234
40—60 - -	298	335	276	305	331	263	254	249	245	283	296	346	293
60—80 - -	373	359	320	326	376	358	297	260	257	276	295	323	343
at 80 years & upwds.	74	68	71	82	78	84	61	48	61	65	62	78	71
Deaths of children: Under 1 year -	416	409	318	393	412	397	381	370	352	386	390	381	415
Deaths of children: 1—5 - -	397	365	342	344	340	326	333	331	301	351	368	402	403
Deaths of children: 5—20 - -	105	125	128	118	144	116	109	106	114	117	141	117	136
Deaths from 7 principal Zymotic Diseases	291	304	266	306	295	257	288	259	243	277	339	319	346
" " Small-pox -	51	34	38	55	47	39	54	34	53	42	48	55	58
" " Measles - -	77	63	56	40	43	40	41	46	32	34	35	30	40
" " Scarlet fever -	35	39	43	37	32	34	35	35	28	22	47	42	36
" " Diphtheria -	5	6	9	10	5	9	8	7	6	13	12	8	9
" " Whooping-cough	94	117	89	114	124	100	112	102	84	124	158	146	157
" " Typhus fever -	4	3	5	3	2	5	5	6	9	2	3	4	4
" " Enteric (or Typhoid) fever -	15	23	12	21	24	16	18	17	16	25	23	20	23
" " Simple Cont^d fever	2	6	3	4	4	3	4	5	2	2	2	5	5
" " Diarrhœa - -	8	13	11	22	14	11	11	7	13	13	11	9	14
" " Simple Cholera -	–	–	1	–	–	–	–	–	–	1	–	–	1
" " Dis. of Respiratory Organs -	541	455	448	502	544	475	413	362	340	402	421	474	497
" " Phthisis - -	168	174	167	166	199	168	156	162	174	154	169	208	182
" " Heart Diseases -	103	121	111	95	112	108	94	75	86	89	118	111	106
Violent Deaths - - -	71	56	53	48	61	60	48	51	35	53	57	39	49
Inquest Cases - - -	137	97	95	96	127	115	106	96	72	98	118	102	99
Deaths in Public Institutions	358	336	324	332	387	353	290	293	294	333	334	358	333
Temperature of the Air:	°	°	°	°	°	°	°	°	°	°	°	°	°
Mean - - - -	42·9	42·3	36·2	35·1	42·6	46·5	48·7	46·6	40·5	43·3	35·5	40·4	46·0
Mean of Highest readings -	47·9	46·7	40·8	38·5	48·0	52·7	53·4	53·1	48·3	50·5	44·6	50·3	54·1
Mean of Lowest readings -	36·8	37·5	31·0	31·9	36·4	41·5	44·4	41·3	33·7	37·3	29·1	31·8	38·0
Mean Temperature of the Water of the Thames -	39·8	43·0	39·8	38·1	39·6	45·1	47·0	49·1	47·0	45·7	44·0	41·4	44·7
Humidity of the Air - -	83	80	87	92	91	83	81	72	74	75	76	78	75
Rain-fall in inches - -	0·02	0·11	0·42	0·05	0·80	0·03	0·34	0·00	0·09	0·00	0·71	0·38	2·85
Registered Sunshine (in hours)	6·5	11·6	11·8	3·8	8·2	15·8	4·2	19·4	19·1	9·9	18·2	34·6	45·4

Meteorological Observations. (*See* Table **1.**)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FIFTEENTH Week of the Year 1878.

CAUSES OF DEATH.	Average in the Fifteenth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, April 13, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
Mean Temperature	47·0	46·0							
ALL CAUSES	1511·9	1895	415	403	136	234	293	343	71
SPECIFIED CAUSES	1503·8	1893	414	403	136	234	293	342	71
I. ZYMOTIC.									
ORDER 1.									
1. Small-pox	40·5	58	6	6	22	15	7	2	-
2. Measles	35·8	40	14	25	1	-	-	-	-
3. Scarlet Fever	29·8	36	-	22	12	1	1	-	-
4. Diphtheria	6·2	9	-	7	2	-	-	-	-
5. Quinsy	·5	1	-	1	-	-	-	-	-
6. Croup	14·2	9	-	9	-	-	-	-	-
7. Whooping-cough	69·1	157	51	99	7	-	-	-	-
8. Typhus	26·3 (Enteric or Typhoid Fev. + Simple continued Fev.)	4	-	-	1	1	2	-	-
— Enteric or Typhoid Fev.		23	-	2	9	8	3	1	-
— Simple continued Fev.		5	1	3	1	-	-	-	-
9. Erysipelas	6·3	7	3	-	-	-	-	4	-
10. Puerperal Fev. (Metria)	4·3	4	-	-	1	3	-	-	-
11. Carbuncle	·3	-	-	-	-	-	-	-	-
12. Influenza	·6	-	-	-	-	-	-	-	-
13. Dysentery	1·2	3	1	-	-	1	-	1	-
14. Diarrhœa	15·1	14	7	1	-	1	-	5	-
15. Simple Cholera	·1	1	-	-	1	-	-	-	-
16. Ague	·5	1	-	-	-	-	1	-	-
17. Remittent Fever	—	-	-	-	-	-	-	-	-
18. Rheumatism	7·4	10	-	-	2	6	1	1	-
19. Other *Zymotic* Diseases	1·1	1	1	-	-	-	-	-	-
ORDER 2.									
1. Syphilis	9·2	9	4	4	-	-	1	-	-
2. Stricture of Urethra	·9	2	-	-	-	-	1	1	-
3. Hydrophobia	·1	1	-	-	-	-	1	-	-
4. Glanders	—	-	-	-	-	-	-	-	-
ORDER 3.									
1. Privation	·5	-	-	-	-	-	-	-	-
2. Want of Breast-milk	7·7	7	7	-	-	-	-	-	-
3. Purpura and Scurvy	2·2	6	1	4	-	1	-	-	-
4. Alcoholism { *a* Del. Tremens	1·5	1	-	-	-	-	1	-	-
4. Alcoholism { *b* Intemperance	1·4	1	-	-	-	1	-	-	-
ORDER 4.									
1. Thrush	2·8	2	2	-	-	-	-	-	-
2. Worms, &c.	·4	-	-	-	-	-	-	-	-
II. CONSTITUTIONAL.									
ORDER 1.									
1. Gout	1·9	5	-	-	-	-	-	5	-
2. Dropsy	10·4	9	-	1	1	1	3	3	-
3. Cancer	31·4	32	-	1	-	5	14	12	-
4. Cancrum Oris (Noma)	·2	-	-	-	-	-	-	-	-
5. Mortification	4·1	3	-	-	-	-	2	1	-
ORDER 2.									
1. Scrofula	10·0	18	8	7	2	-	1	-	-
2. Tabes Mesenterica	19·8	27	12	14	1	-	-	-	-
3. Phthisis	184·8	182	3	8	13	90	61	7	-
4. Hydrocephalus	33·4	45	14	23	7	1	-	-	-
III. LOCAL.									
ORDER 1.									
1. Cephalitis	21·5	30	5	15	6	2	1	1	-
2. Apoplexy	38·7	44	2	4	1	4	11	21	1
3. Paralysis	35·6	34	1	1	2	2	7	17	4
4. Insanity	2·2	2	-	-	-	1	1	-	-
5. Chorea	·2	-	-	-	-	-	-	-	-
6. Epilepsy	7·1	7	1	-	2	-	1	2	1
7. Convulsions	62·7	53	43	9	1	-	-	-	-
8. *Brain Disease, &c.*	19·2	26	-	1	1	1	7	16	-
ORDER 2.									
1. Pericarditis	3·3	4	-	1	-	2	-	1	-
2. Aneurism	2·4	3	-	-	-	1	2	-	-
3. *Heart Disease, &c.*	74·6	99	-	1	9	11	31	44	3
ORDER 3.									
1. Laryngitis	11·5	23	12	5	4	1	1	-	-
2. Bronchitis	197·7	295	60	60	4	10	55	92	14
3. Pleurisy	4·5	7	-	-	-	3	3	1	-
4. Pneumonia	90·4	137	36	39	10	22	17	13	-
5. Asthma	10·6	12	-	-	-	-	6	6	-
6. *Lung Disease, &c.*	16·4	23	6	4	1	4	3	4	1

CAUSES OF DEATH.	Average in the Fifteenth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, April 13, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
Mean Temperature	47·0	46·0							
ORDER 4.									
1. Gastritis	1·4	2	-	-	-	1	-	1	-
2. Enteritis	5·1	7	2	-	2	1	1	1	-
3. Peritonitis	6·6	6	2	-	-	2	2	-	-
4. Ascites	2·8	2	-	-	-	-	2	-	-
5. Ulceration of Intestines	2·0	3	-	-	-	1	1	1	-
6. Hernia	4·0	4	1	-	-	-	-	3	-
7. Ileus	4·1	5	1	-	-	-	3	-	1
8. Intussusception	1·0	-	-	-	-	-	-	-	-
9. Stricture of Intestines	·7	-	-	-	-	-	-	-	-
10. Fistula	·4	2	-	-	-	-	-	1	1
11. *Stomach Disease, &c.*	6·8	7	-	1	-	-	2	3	1
12. *Pancreas Disease, &c.*	—	-	-	-	-	-	-	-	-
13. Hepatitis	4·0	4	-	-	1	1	-	1	1
14. Jaundice	4·4	3	1	-	-	-	2	-	-
15. *Liver Disease, &c.*	19·2	21	1	-	1	2	8	7	2
16. *Spleen Disease, &c.*	·5	-	-	-	-	-	-	-	-
ORDER 5.									
1. Nephritis	2·2	4	-	-	1	1	-	2	-
2. Ischuria	—	-	-	-	-	-	-	-	-
3. Bright's Dis. (Nephria)	12·2	12	-	-	-	3	7	2	-
4. Diabetes	2·7	2	-	-	1	-	-	1	-
5. Calculus (Stone)	1·1	-	-	-	-	-	-	-	-
6. Cystitis	1·7	2	-	-	-	-	1	1	-
7. *Kidney Disease, &c.*	9·0	10	1	1	-	1	1	4	2
ORDER 6.									
1. Ovarian Dropsy	·7	-	-	-	-	-	-	-	-
2. *Uterus Disease, &c.*	4·7	7	-	-	-	1	4	2	-
ORDER 7.									
1. Synovitis (Arthritis)	·3	-	-	-	-	-	-	-	-
2. *Joint Disease, &c.*	6·5	9	-	-	2	3	3	1	-
ORDER 8.									
1. Phlegmon	3·4	5	-	-	-	2	2	1	-
2. Ulcer	1·0	2	-	-	-	-	-	2	-
3. *Skin Disease, &c.*	1·1	3	-	1	-	-	-	2	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth	22·2	31	31	-	-	-	-	-	-
2. Cyanosis	2·0	4	3	-	1	-	-	-	-
3. Spina Bifida	·9	3	3	-	-	-	-	-	-
4. Other Malformations	1·6	3	3	-	-	-	-	-	-
5. Teething	19·8	22	11	11	-	-	-	-	-
ORDER 2.									
1. Paramenia	·2	-	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever)	5·5	6	-	-	-	5	1	-	-
ORDER 3.									
1. Old Age	54·6	73	-	-	-	-	-	36	37
ORDER 4.									
1. Atrophy and Debility	58·0	48	33	9	1	1	-	4	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	16·7	10	-	1	-	2	4	1	2
2. Wounds { Gunshot	·3	-	-	-	-	-	-	-	-
2. Wounds { Cut, Stab		-	-	-	-	-	-	-	-
3. Burns and Scalds	6·1	4	-	1	2	1	-	-	-
4. Poison	·9	1	-	-	-	-	1	-	-
5. Drowning	5·1	4	-	-	-	2	1	1	-
6. Suffocation	8·8	20	18	1	-	-	-	1	-
7. Otherwise	2·4	3	1	-	-	1	-	1	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	2·1	1	1	-	-	-	-	-	-
ORDER 4. (SUICIDE.)									
1. Wounds { Gunshot	·3	1	-	-	-	1	-	-	-
1. Wounds { Cut, Stab	1·7	1	-	-	-	-	1	-	-
2. Poison	·9	1	-	-	-	1	-	-	-
3. Drowning	1·1	1	-	-	-	1	-	-	-
4. Hanging	2·0	2	-	-	-	1	-	1	-
5. Otherwise	·4	-	-	-	-	-	-	-	-
ORDER 5. (EXECUTION.)									
1. Hanging	—	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained)	·9	-	-	-	-	-	-	-	-
Causes not specified or ill-defined	7·2	2	1	-	-	-	-	1	-

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARL
during the Week endi

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public
LONDON	3,254,260	2581	1895	415	414	58	40	36	9	157	4	23	5	14	49	99	3
WEST DISTRICTS	561,359	371	330	75	76	8	3	4	2	19	-	1	-	2	10	25	7
NORTH DISTRICTS	751,729	607	436	88	95	30	8	10	3	29	1	5	1	6	6	20	8
CENTRAL DISTRICTS	334,369	177	198	34	49	1	3	4	-	9	-	2	-	3	9	14	4
EAST DISTRICTS	639,111	535	397	107	97	11	8	9	-	38	-	3	2	2	13	22	7
SOUTH DISTRICTS	967,692	891	534	111	97	8	18	9	4	62	3	12	2	1	11	18	6
WEST DISTRICTS.																	
St. Mary Paddington *WH*	58728	45	32	12	5	-	1	1	-	2	-	-	-	1	-	2	
St. John Paddington *H*	38085	13	14	-	3	-	-	-	-	-	-	-	-	-	-	1	
Kensington Town *W*	91645	58	58	14	16	-	2	2	1	3	-	-	-	-	-	5	
Brompton *H*	28654	14	15	1	3	-	-	-	-	-	-	-	-	-	-	1	
St. Peter Hammersmith	6662	3	6	2	1	-	-	-	-	-	-	-	-	-	-	-	
St. Paul Hammersmith *H*	36029	38	25	8	8	-	-	-	1	-	-	-	-	1	4	4	
Fulham *WwH*	23350	26	25	5	5	7	-	-	-	1	-	1	-	-	1	2	1
Chelsea South *HHH*	26420	18	23	8	4	1	-	-	-	4	-	-	-	-	-	2	
Chelsea North-west *WHHHH*	22926	22	14	3	7	-	-	-	-	-	-	-	-	-	-	1	1
Chelsea North-east	21392	14	9	2	1	-	-	-	-	1	-	-	-	-	1	1	
Hanover Square *H*	18698	12	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
May Fair *WW*	13358	13	16	2	7	-	-	-	-	-	-	-	-	-	1	1	
Belgrave *HH*	57972	31	29	6	4	-	-	-	-	1	-	-	-	-	2	2	
St. John Westminster *HH*	38478	32	18	6	2	-	-	-	-	6	-	-	-	-	-	2	
St. Margaret Westminster *WH*	27781	9	18	2	4	-	-	-	-	1	-	-	-	-	1	1	
Golden Square *WH*	12860	7	6	1	3	-	-	1	-	-	-	-	-	-	-	-	
Berwick-street *H*	20759	8	6	2	-	-	-	-	-	-	-	-	-	-	-	-	
St. Anne Soho *HHHHH*	17562	8	14	1	3	-	-	-	-	-	-	-	-	-	-	-	
NORTH DISTRICTS.																	
All Souls Marylebone *HHHH*	28579	9	16	3	2	-	-	-	-	-	-	-	-	-	-	3	
Cavendish Square *HH*	15425	6	8	2	2	-	-	-	-	-	-	1	-	-	-	-	
Rectory Marylebone *WH*	26384	19	23	1	7	-	-	-	1	-	-	-	1	-	-	-	1
St. Mary Marylebone *HHH*	21786	23	9	2	1	-	-	1	-	-	-	-	-	-	-	-	
Christchurch Marylebone *H*	33944	20	10	-	2	-	-	-	-	-	-	-	-	-	-	-	
St. John Marylebone *H*	33136	23	15	4	5	-	-	-	-	3	-	-	-	-	-	-	
Hampstead *WwHH*	32281	17	27	1	8	7	-	-	1	2	-	-	-	2	-	-	
Regent's Park Pancras	38200	31	10	3	3	-	-	-	-	-	-	-	-	-	-	-	
Tottenham-court *wHHH*	29370	9	14	1	3	-	1	-	-	2	-	-	-	-	-	-	
Gray's Inn Lane *HHH*	29221	24	15	1	3	-	-	-	-	-	-	2	-	-	1	2	
Somers Town	38533	31	15	5	1	-	-	-	-	3	-	-	-	-	-	-	
Camden Town *WH*	17943	10	10	3	3	-	-	-	-	-	-	-	-	-	2	3	
Kentish Town *w*	68198	85	37	7	8	2	-	2	-	2	-	-	-	-	-	1	
Islington West *HHH*	97820	84	56	16	7	8	1	2	1	4	-	-	-	-	-	2	
Islington East *WwwH*	115958	106	80	22	22	3	6	1	-	11	-	-	-	-	1	5	
Stoke Newington *H*	9841	15	10	1	3	-	-	1	-	1	-	-	-	-	-	-	
Stamford Hill	6598	8	2	1	1	-	-	-	-	-	-	-	-	1	-	-	
West Hackney	28069	29	15	6	4	-	-	-	-	1	-	-	-	-	-	1	
Hackney *WwwHL*	50104	29	44	4	8	9	-	3	-	-	-	1	-	1	2	3	1
South Hackney	30339	29	20	5	2	1	-	-	-	-	1	1	-	2	-	-	
CENTRAL DISTRICTS.																	
St. George Bloomsbury	17853	5	4	1	-	-	-	-	-	-	-	-	-	-	-	1	
St. Giles South *WH*	19109	18	9	2	3	-	-	-	-	1	-	-	-	1	-	-	
St. Giles North	16594	6	10	1	4	-	-	-	-	-	-	-	-	-	1	1	
Long Acre	11379	8	4	1	1	-	-	-	-	-	-	-	-	-	-	-	
Charing Cross *HH*	9859	1	8	-	2	-	-	-	-	2	-	-	-	-	-	-	
St. Mary-le-Strand	9378	3	5	-	2	-	-	1	-	-	-	-	-	-	-	-	
St. Clement Danes *H*	10723	9	6	1	1	-	-	-	-	-	-	-	-	-	-	-	
St. George-the-Martyr *HHHHH*	20521	5	10	-	3	1	1	1	-	-	-	-	-	-	-	-	
St. Andrew Eastern *W*	13529	8	13	-	2	-	-	1	-	1	-	-	-	-	-	-	
Saffron Hill *H*	9066	3	3	-	1	-	-	-	-	1	-	-	-	-	-	-	
St. James Clerkenwell *W*	18917	9	14	3	2	-	1	-	-	1	-	-	-	-	3	4	
Amwell Clerkenwell	16884	11	15	6	2	-	-	-	-	-	-	-	-	1	2	3	
Pentonville	13337	2	8	1	2	-	1	-	-	-	-	-	-	-	-	-	
Goswell-street	16242	16	5	-	2	-	-	-	-	-	-	-	-	-	-	-	
Old-street *H*	12161	11	6	2	1	-	-	-	-	2	-	-	-	-	-	-	
City-road *HHL*	18301	19	19	5	4	-	-	1	-	1	-	-	-	-	-	1	
Whitecross-street	13792	5	8	1	4	-	-	-	-	-	-	-	-	1	1	1	
Finsbury	10741	7	6	4	1	-	-	-	-	-	-	-	-	-	-	-	
St. Botolph East London *H*	14540	11	9	3	4	-	-	-	-	-	-	1	-	-	-	-	
Cripplegate	13638	7	4	-	2	-	-	-	-	-	-	-	-	-	-	-	
St. Sepulchre *H*	7562	2	21	1	3	-	-	-	-	-	-	-	-	-	2	3	1
St. Bride *W*	11185	6	3	1	1	-	-	-	-	-	-	-	-	-	-	-	
Castle Baynard	4426	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Christchurch	6270	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Queenhithe	4753	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Allhallows Barking	5764	-	3	-	1	-	-	-	-	-	-	-	-	-	-	-	
Broad-street *H*	7845	1	4	1	1	-	-	-	-	-	-	1	-	-	-	-	

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see no at the foot of next page.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT turday, 13th April 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
olywell Shoreditch	12430	7	8	2	2	-	-	-	-	2	-	-	-	-	-	-	-
. Leonard Shoreditch *HL*†	16545	9	9	4	1	-	-	-	-	3	-	-	-	-	-	-	-
oxton New Town *w*	27835	17	19	5	8	-	-	-	-	2	-	-	-	1	-	-	5
oxton Old Town	26933	16	13	3	4	1	-	-	-	1	-	-	1	-	-	-	-
aggerston* *WH*	43421	31	28	10	2	-	1	2	-	2	-	1	-	-	1	1	3
ackney-road *H*	29822	30	18	4	1	-	1	1	-	2	-	-	-	-	1	2	-
reen, Bethnal Green *WHL*†	42433	40	29	8	8	-	-	1	-	4	-	-	-	-	1	1	8
hurch, Bethnal Green	26577	17	12	4	5	-	-	-	-	4	-	-	-	-	-	-	-
own, Bethnal Green	21272	18	10	5	1	-	-	-	-	1	-	-	-	-	-	-	-
italfields *H*	22499	11	7	3	1	-	-	-	-	-	-	-	-	-	1	2	-
ile End New Town *W*	15550	23	18	2	7	1	-	-	-	1	-	-	-	-	1	3	12
hitechapel North	11597	8	10	4	1	-	-	-	-	2	-	-	-	-	-	-	-
hitechapel Church *H*	7322	6	17	1	6	-	-	-	-	-	-	-	-	-	1	1	14
oodman's Fields	10381	6	5	1	-	-	-	-	-	1	-	-	-	-	-	-	-
ldgate	9224	5	5	3	-	-	1	1	-	1	-	-	-	-	-	-	-
. Mary St. George East	17900	13	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-
. Paul St. George East	21350	15	9	5	2	-	1	-	-	1	-	-	-	-	-	-	-
. John St. George East *W*	8802	3	10	1	7	-	-	-	-	-	-	-	-	-	-	-	8
adwell *H*	11640	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ateliff	16131	11	11	2	3	1	-	-	-	2	-	-	-	-	-	-	-
mehouse	29919	27	16	3	1	1	2	-	-	3	-	-	-	-	1	1	-
ile End Old Town Western	38128	36	17	4	7	-	-	-	-	1	-	-	-	-	1	1	-
ile End Old Town Eastern *WwwH*	55024	57	41	12	13	2	-	3	-	1	-	-	-	1	2	4	5
ow *wwwH*	67765	77	59	13	14	3	2	1	-	4	-	2	1	-	2	2	15
oplar *WW*	48611	42	21	7	3	1	-	-	-	-	-	-	-	-	1	4	3
SOUTH DISTRICTS.																	
ristchurch Southwark *WH*	14573	16	6	-	1	-	-	-	-	2	-	-	-	-	-	-	1
. Saviour Southwark *H*	15677	13	9	3	2	-	2	-	-	2	-	-	-	-	-	-	-
ent-road	20421	22	12	4	2	-	-	1	-	2	-	-	-	-	1	2	-
rough-road *WH*	16695	10	10	1	-	-	1	-	-	2	-	-	-	-	-	-	2
ndon-road *HL*	18961	15	6	-	1	1	-	-	-	-	-	-	-	-	-	-	1
inity Newington	23682	21	15	5	-	-	-	-	-	3	-	2	-	-	-	-	-
. Peter Walworth *W*	48248	45	34	5	7	1	-	-	-	6	-	-	1	-	-	1	6
. Mary Newington	16792	21	10	2	1	-	2	-	-	4	-	-	-	-	-	-	-
. Olave Southwark *H*	4373	3	7	-	1	-	-	-	-	-	-	-	-	-	-	-	6
. John Horsleydown *W*	10500	11	7	3	2	-	-	-	-	3	-	-	-	-	-	-	3
ather Market	16787	15	5	-	-	-	-	-	-	1	-	-	-	-	-	-	-
. Mary Magdalen *W*	15709	11	10	-	6	-	-	-	-	-	-	-	-	-	-	1	4
. James Bermondsey	47933	47	28	6	3	-	1	-	-	4	-	1	-	-	1	1	-
otherhithe *W*	27096	51	17	3	6	-	1	-	-	1	1	-	-	-	1	1	4
aterloo-road 1st *H*	14074	12	7	2	1	-	-	-	-	2	-	-	-	-	1	1	-
aterloo-road 2nd *H*	18465	13	8	-	3	-	-	-	-	-	-	1	-	-	-	1	-
mbeth Church 1st *H*	19492	13	15	3	1	-	-	1	2	1	-	1	-	-	1	1	4
mbeth Church 2nd *WW*	35833	35	23	4	8	-	-	-	1	2	-	-	-	-	-	1	11
ennington 1st	41286	28	21	4	4	-	1	-	-	5	-	-	-	-	-	-	-
ennington 2nd	31221	14	14	4	4	1	-	1	-	1	-	-	-	-	-	-	-
ixton *w*	35435	37	22	4	3	5	-	1	-	1	1	3	-	-	1	1	8
orwood *W*	12536	10	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-
apham *H*	27347	20	6	-	3	-	-	-	-	-	-	-	-	-	-	-	-
ttersea *Ww*	54016	75	44	13	7	-	4	-	-	3	-	1	-	-	2	2	3
andsworth *HL*	19783	8	7	-	1	-	-	-	-	-	-	-	-	-	-	-	1
itney	9439	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
reatham	14475	11	5	1	2	-	1	-	-	-	-	-	-	-	-	-	-
lwich	4041	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
mberwell *WL*†*L*†	31254	35	16	4	4	-	1	-	-	1	-	-	1	-	-	-	1
ckham *W*	42160	47	27	2	8	-	1	1	-	4	1	-	-	-	-	1	-
. George Camberwell	33851	23	20	7	2	-	-	-	-	5	-	-	-	1	1	1	-
. Paul Deptford *w*	53714	54	32	9	5	-	-	-	-	3	-	3	-	-	1	1	-
. Nicholas Deptford	6474	8	2	1	-	-	-	-	-	1	-	-	-	-	-	-	-
eenwich West	21034	21	13	3	4	-	-	-	-	-	-	-	-	-	-	-	-
eenwich East *WH*	19378	13	16	6	-	-	2	-	1	-	-	-	-	-	1	2	5
tham *H*	4539	8	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-
e	16440	13	5	3	1	-	-	-	-	-	-	-	-	-	-	-	-
wisham Village *WH*	11513	11	5	-	-	-	-	1	-	-	-	-	-	-	-	-	-
denham *H*	19065	20	11	3	2	-	-	1	-	1	-	-	-	-	-	-	1
arlton *H*	9564	6	4	-	-	-	-	-	-	-	-	-	-	-	-	-	2
oolwich Dockyard	17226	10	5	-	-	-	-	-	-	1	-	-	-	-	-	-	-
oolwich Arsenal *WHH*	18331	14	9	-	1	-	1	1	-	-	-	-	-	-	-	-	-
umstead West	13027	8	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-
umstead East *W*	15232	15	7	2	1	-	-	-	-	1	-	-	-	-	-	-	-

he following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the ve Table by *w* :—

Central London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary " " "
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.
London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

The two sub-districts of Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston sub-rict.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 13th April 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
	LONDON—OUTER RING	368,414	631,381	473	313	71	87	5	8	9	3	10	7	1	6	15
29 : 1	Carshalton *wL* - - -	12228	13523	7	9	1	1	-	1	-	-	-	-	-	-	-
2	Epsom (*part of*) * *WH* -	9971	9145	8	2	-	1	-	-	-	-	-	-	-	-	-
36 : 1	Godstone (*part of*) * - -	2754	900	2	-	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	46	33	6	14	1	-	-	-	-	-	-	1	1
2	Mitcham *WH* - - -	11697	12534	9	3	-	1	-	-	-	-	-	-	-	-	-
38 : 1	Wimbledon *HH* - - -	3220	9087	6	6	3	2	-	-	-	-	-	-	-	-	-
2	Kingston *WH* - - -	8549	27489	19	14	2	5	-	-	-	-	-	-	-	3	3
3	Esher (*part of*) * - -	6601	7353	3	6	-	2	-	-	-	-	-	-	-	-	-
4	Hampton - - - -	4573	10185	8	4	-	-	-	-	-	-	1	-	-	-	-
39 : 1	Richmond *WH* - - -	2271	16829	12	6	2	2	-	-	-	-	-	1	-	-	-
2	Mortlake - - - -	2961	9316	8	2	2	-	-	-	-	-	-	-	-	-	-
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	20	6	-	2	-	-	-	-	-	1	-	-	-
2	Chislehurst (*part of*) * *W* -	13665	10028	6	6	2	1	-	-	-	-	-	1	-	-	-
41 : 1	Bexley *H* - - - -	13439	19566	8	8	2	1	-	-	-	-	2	-	-	-	-
123 : 1	Sunbury *W* - - -	11055	9860	7	6	3	2	-	-	-	-	-	-	-	-	-
2	Staines *W* - - - -	13277	10339	13	7	1	3	-	-	1	-	1	-	-	-	-
124 : 1	Hillingdon *WH* - - -	6029	9712	9	4	2	2	-	-	-	-	-	-	-	-	1
2	Uxbridge - - - -	6178	5329	4	2	-	2	-	-	-	-	-	-	-	-	-
3	Hayes *WL* - - - -	14587	10497	3	8	-	3	-	-	-	-	-	-	-	-	-
125 : 1	Isleworth *W* - - -	7008	19930	9	8	1	3	-	-	1	-	-	-	-	-	-
2	Twickenham - - -	2477	10533	11	3	-	1	1	-	-	-	-	-	-	-	-
3	Brentford *HL* - - -	4370	20279	5	8	-	3	-	-	-	-	-	-	-	-	1
4	Chiswick - - - -	1311	8508	11	3	-	1	-	-	-	-	-	1	-	1	1
5	Acton *WH* - - - -	6087	12683	9	6	-	-	-	3	-	1	-	-	-	-	-
126 : 1	Harrow *H* - - - -	13809	10869	7	6	1	1	-	-	1	-	1	-	-	-	1
2	Edgware *H* - - -	6994	3450	1	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	12	6	2	1	-	-	-	1	1	-	-	-	-
4	Hendon *WH* - - -	8382	6972	2	4	1	1	-	-	-	-	-	-	-	-	1
127 : 1	South Mimms - - -	15419	5924	-	1	-	-	1	-	-	-	-	-	-	-	-
2	Barnet *W* - - - -	5423	7752	2	3	-	2	-	-	-	-	-	-	-	-	-
3	Finchley *L* - - - -	4688	11493	6	8	2	2	-	-	1	1	-	-	-	1	2
128 : 1	Hornsey *H* - - - -	3039	19357	22	8	2	2	-	1	1	-	-	-	-	-	-
2	Tottenham *H* - - -	4642	22869	18	14	2	4	-	-	-	-	1	-	-	-	-
3	Edmonton *WW* - - -	7483	13860	21	13	3	3	-	-	-	-	-	2	1	-	-
4	Enfield *WH* - - -	12653	16054	3	4	1	1	-	-	-	-	-	-	-	-	-
5	Waltham Abbey - - -	11017	5197	5	1	-	1	-	-	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	2	3	1	1	-	-	-	-	1	-	-	-	-
134 : 1	Hatfield (*part of*) * - -	3180	559	-	1	-	-	-	-	-	-	-	1	-	-	-
136 : 1	Bushey - - - -	9028	6472	-	2	-	1	-	-	-	-	-	-	-	-	-
185 : 1	Stratford - - - -	882	23286	28	20	6	2	1	-	2	-	-	-	-	-	-
2	West Ham *WWWW* - -	7345	44642	54	37	13	7	1	2	2	-	2	-	-	-	4
3	Leyton *WW* - - -	4274	15513	12	7	5	-	-	-	-	-	-	-	-	-	-
4	Walthamstow *H* - -	6619	15701	21	7	2	3	-	-	-	-	-	-	-	-	-
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	1	2	-	2	-	-	-	-	-	-	-	-	-
188 :	Romford (*part of*) * - -	6730	2879	1	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford - - - - -	8492	5947	5	3	3	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	12	3	-	1	-	1	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Gods sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 9 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoidon- (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 13th April 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	
EATER LONDON	446,494	4,450,015	25·9	4·6	2208	486	501	63	48	45	12	167	39	15	55	369
INNER LONDON -	78,080	3,577,304	27·6	5·0	1895	415	414	58	40	36	9	157	32	14	49	333
OUTER RING -	368,414	872,711	18·7	2·6	313	71	87	5	8	9	3	10	7	1	6	36

OTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal 97·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area 68,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, hich 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than iles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,759,796 Persons.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	March	9	-	345	41·9	Sm.-pox 43; cholera 45; ent. and simple fevs. 84.
BOMBAY - -	644,405	„	12	-	554	44·7	Remittent fever 178; sm.-pox 19; cholera 59.
MADRAS - -	397,552	February	22	248	452	59·1	Small-pox 27; fevers 83; dysentery 132.
PARIS - - -	1,988,806	April	11	-	1113	29·1	Typhd. fev. 18; diph. 31; croup 34; small-pox 3.
GENEVA - -	68,792	„	6	35	32	25·3	Small-pox 1; whooping-cough 1.
BRUSSELS - -	175,782	„	6	121	117	34·7	—
AMSTERDAM -	302,266	March	30	-	185	31·8	Whooping-cough 8.
ROTTERDAM -	142,585	„	30	107	89	32·5	—
THE HAGUE -	107,896	„	30	82	61	29·3	Typhus and typhoid fever 2.
COPENHAGEN -	220,000	April	2	186	89	21·1	Croup 4.
STOCKHOLM -	146,845	March	30	-	70	24·8	Typhoid fever 2; scarlet fever 2.
CHRISTIANIA -	105,000	April	6	81	38	18·5	Scarlet fever 3.
ST. PETERSBURGH	669,741	March	30	-	800	62·1	Small-pox 13; typhus and typhoid fever 180.
BERLIN - -	1,019,620	„	23	806	532	27·1	Scarlet fever 10; diphtheria 15.
HAMBURG (State)	406,104	„	30	340	206	26·5	Whooping-cough 6; diph. and croup 8; typhus 4.
DRESDEN - -	207,845	„	30	159	114	28·5	Whooping-cough 6; scarlet fever 2.
BRESLAU - -	267,000	April	6	191	162	31·6	—
MUNICH - -	222,000	„	6	169	137	32·0	Diphtheria and croup 5.
VIENNA - -	727,271	„	6	563	461	33·0	Small-pox 6; diphtheria 10; scarlet fever 6.
BUDA-PESTH -	319,530	March	30	259	303	49·3	Typhus & typhd. fev. 7; diphtheria 9; croup 14.
ROME - - -	282,214	„	16	170	182	33·6	Diphtheria and croup 4; typhus & typhd. fev. 6.
		„	23	163	205	37·9	Diphtheria and croup 5; typhus & typhd. fev. 2.
NAPLES - -	457,407	„	4	-	360	41·1	Diphtheria 4; croup 6.
		„	11	-	277	31·6	Diphtheria 6; typhus and typhoid fever 5.
TURIN - -	227,843	„	30	133	221	50·6	Diphtheria and croup 9; typhus & typhd. fev. 3.
VENICE - -	139,796	„	30	71	110	41·1	—
ALEXANDRIA -	212,034	„	28	214	167	41·1	Small-pox 1; whooping-cough 6.
NEW YORK -	1,083,371	„	16	-	483	23·2	Scarlet fever 23; diphtheria 22; croup 17.
BROOKLYN -	549,438	„	16	-	180	17·1	Scarlet fever 14; diphtheria 8.
PHILADELPHIA	876,118	„	23	-	269	16·0	Scarlet fever 16; typhd. fever 7; diphtheria 8.
BOSTON - -	363,000	„	16	-	136	19·4	Diphtheria 13.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 13th APRIL, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.	Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Difference. Between Dew Point Temperature and Air Temperature. Greatest.	Difference. Between Dew Point Temperature and Air Temperature. Least.	Difference. Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure on square foot. Greatest.	Osler's. Pressure on square foot. Least.	Osler's. Pressure on square foot. Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
		in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
APRIL																									
SUN. . 7	..	29·981	50·4	32·1	18·3	42·1	35·9	110·3	24·8	44·1	41·5	6·2	10·5	3·0	− 3·1	79	E.	E.	6·9	0·0	1·2	381	+ 71	0·00	3·0
MON. . 8	Greatest Dec. N.	29·783	51·1	35·3	15·8	44·2	34·1	112·0	32·6	44·8	42·3	10·1	14·4	6·0	− 1·2	68	E.	E.	24·4	0·2	3·7	575	+271	0·00	22·5
TUES. . 9	..	29·802	52·1	38·4	13·7	43·7	37·1	119·2	33·0	45·3	42·5	6·6	13·2	3·4	− 1·9	78	E.	E.	16·5	0·0	1·9	501	+203	0·00	13·0
WED. . 10	First Quarter	29·734	51·9	40·9	11·0	45·7	38·6	102·2	39·8	46·1	43·3	7·1	13·2	4·2	0·0	76	E.	E.	12·0	0·1	2·1	464	+175	0·31	16·7
THURS. 11	..	29·865	50·3	43·7	6·6	45·5	43·6	67·6	38·8	47·1	44·1	1·9	4·3	0·9	− 0·3	93	ENE.	ESE. & ENE.	1·6	0·0	0·2	264	− 17	2·51	4·5
FRI. . 12	..	29·972	60·4	37·7	22·7	49·4	40·8	119·7	27·9	47·1	44·3	8·6	17·3	0·0	+ 3·5	72	ENE. & E.	E. & ESE.	1·2	0·0	0·1	207	− 71	0·00	8·5
SAT. . 13	..	29·865	62·6	37·6	25·0	51·5	37·9	120·3	30·7	47·8	45·3	13·6	23·1	0·0	+ 5·4	60	ESE. SE. & S.	SSW.	3·5	0·0	0·3	211	− 65	0·03	7·8
MEANS .	..	29·857	54·1	38·0	16·2	46·0	38·3	107·3	32·5	46·0	43·3	7·7	13·7	2·5	+ 0·3	75	E.		..	..	..	Sum 2603	Sum +567	Sum 2·85	10·9
No. of Col.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. April.	Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY . 7	The electrical apparatus was not in action throughout the week.	10·4	13·3	A very fine day. The amount of cloud was small.
MONDAY . 8		12·3	13·4	A fine bright day. Very little cloud. A strong wind from East throughout.
TUESDAY . 9		7·9	13·4	Fine; partially cloudy till afternoon; overcast afterwards.
WEDNESDAY 10		0·8	13·5	Generally cloudy. Rain commenced falling at 5h. P.M. and was still falling at midnight.
THURSDAY . 11		0·3	13·6	Rain fell heavily throughout the morning and until 1h. 40m. P.M., having fallen continuously for nearly 21 hours. The total amount collected during that time was 2·82 inches. Great floods in Lee, Lewisham, and Deptford through the overflow of the Rivers Quaggy and Ravensbourne. Fine in evening, and cloudless after 7h. P.M.
FRIDAY . 12		11·8	13·6	A fine day. Thin clouds till evening, cloudless at night. Solar halo seen occasionally during the morning and afternoon, and lunar halo at night.
SATURDAY . 13		1·9	13·7	Fine and partially cloudy during morning; overcast with rain in afternoon and evening.
..	..	Sum 45·4	Sum 94·5	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and − "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 30·03 in. at the beginning of the week to 29·76 in. by 8h. P.M. on the 8th; increased to 29·82 in. by noon on the 9th; decreased to 29·72 in. by 3h. P.M. on the

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

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General Register Office, Somerset House,
23rd April, 1878.

United Kingdom.

During last week 5669 *births* and 4130 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality was at the average rate of 26 deaths annually in every 1000 persons living. The annual death-rate was 27 per 1000 in Edinburgh, 29 in Glasgow, and 30 in Dublin. The deaths from small-pox in Dublin were 9, against 15 in the previous week; the city hospitals contained 203 cases of small-pox on Saturday last.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Norwich 18, Salford 18, Leicester 19, Bristol 20, Hull 20, Portsmouth 20, Brighton 21, Nottingham 22, Wolverhampton 22, Leeds 22, Newcastle 22, Sheffield 23, Bradford 24, Birmingham 24, London 26, Sunderland 26, Manchester 30, Liverpool 31, Plymouth 34, and the highest rate 38 in Oldham. The annual death-rate from the seven principal zymotic diseases averaged 4·1 per 1000 in the twenty towns, and ranged from 0·6 and 0·9 in Norwich and Nottingham, to 8·4 and 9·2 in Sunderland and Plymouth. The excessive zymotic rate in Plymouth was due to whooping-cough and measles. No death from small-pox was registered in any of the nineteen large provincial towns.

London.

In London 2418 births and 1773 deaths were registered. Allowing for increase of population, the births were 73 below, while the deaths exceeded by 162, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the five preceding weeks had steadily increased from 22·3 to 27·6 per 1000, declined last week to 25·9.

The 1773 deaths included 80 from small-pox, 31 from measles, 37 from scarlet fever, 8 from diphtheria, 123 from whooping-cough, 26 from different forms of fever, and 18 from diarrhœa; thus to the seven principal diseases of the zymotic class 323 deaths were referred, against 319 and 346 in the two preceding weeks. These 323 deaths were 76 above the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 4·7 per 1000. The fatal cases of whooping-cough, which had been 158, 146, and 157 in the three previous weeks, declined to 123 last week, and included 41 in the East, and 43 in the South groups of districts; 7 occurred in Fulham and Hammersmith, 6 in Pancras, 17 in Shoreditch, 8 in Bethnal Green, 13 in Southwark, 14 in Lambeth, and 6 in Camberwell. The 31 deaths from measles included 13 in the North group of districts, of which 5 occurred in Pancras and 4 in Islington. Of the 37 fatal cases of scarlet fever, 5 were returned in Kensington, 5 in Islington, and 4 in Shoreditch. Two more deaths from diphtheria were registered in Hampstead, making 15 since the beginning of the year. The deaths referred to fever, which had been 28, 29, and 32 in the three preceding weeks, declined last week to 26, and were 6 below the corrected weekly average; 3 were fatal cases of typhus, 14 of enteric or typhoid fever, and 9 of simple continued fever. The three deceased typhus patients had resided at:—8, Alma Road, Bethnal Green; 9, Windsor Terrace, Mile End Old Town, (this case was certified as cerebro-spinal fever); and at 20, Salisbury Place, Bermondsey. Four fatal cases of enteric fever occurred in Islington, and 2 in Stepney.

The deaths from small-pox, which had been 48, 55, and 58 in the three preceding weeks, further rose last week to 80, a higher number than in any week since the end of April 1877; 54 were recorded in the Metropolitan Asylum Hospitals, one in the Highgate Small-pox Hospital, one in an ambulance, and 24 in private dwelling-houses. Five of the deceased small-pox patients had resided in Marylebone,

5 in Pancras, 9 in Islington, 9 in Hackney, 13 in Stepney, 5 in Mile End Old Town, 7 in Poplar, and 5 in Lambeth. Of the 24 deaths in private dwelling-houses, 3 occurred in Marylebone, 2 in Islington, 3 in Hackney, 4 in Stepney, and 3 in Lambeth. Of the 80 fatal cases, 43 were certified as unvaccinated, and 14 as vaccinated; in the remaining 23 cases the medical certificates did not give any information as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which had been 682 and 785 at the end of the two previous weeks, had further risen to 854 on Saturday last; the number of new cases admitted during the week was 228, against 160 and 260 in the two preceding weeks. At the beginning of this year, these hospitals contained but 309 small-pox patients, since which they have steadily increased to 854 on Saturday last. The Highgate Small-pox Hospital contained 67 patients on Saturday last, against 53 at the end of the previous week; 20 new cases were admitted during the week.

The death of a female aged 20 years in the Stamford-street Peabody-buildings, on 13th instant, was certified to have resulted from "purpura hæmorrhagic, 2 days."

The deaths referred to diseases of the respiratory organs, which in the five preceding weeks had steadily increased from 340 to 497, declined last week to 398, although exceeding the corrected weekly average by 53; 250 resulted from bronchitis and 104 from pneumonia.

Different forms of violence caused 75 deaths; 65 were the result of negligence or accident, including 31 from fractures and contusions, 6 from burns and scalds, 8 from drowning, and 18 of infants under one year of age from suffocation. The 31 deaths from fractures and contusions were thus caused:—males aged respectively, 70, 28, and 8 years, run over by cabs; male 63, crushed by a cart; male 35, knocked down by a cart; male 69, and female 3, run over by vans; male 26, crushed by a dray; male 38, run over by an omnibus; male 22, injured by a horse falling upon him; male 25, run over on the North London Railway; male 20, run over on the South-eastern Railway; male 55, crushed between carriages and platform on the Metropolitan Railway; male 56, run over on railway; males 52, 57, 60, and female 54, fell down stairs; males 20, 28, 34, and 24, fell from ladders; male 2, fell from a window; males 49 and 26, fell from heights; male 1, pushed down whilst at play; female 3, by fall of mahogany upon her; male 34, by fall of rope upon him; male 13, crushed in machinery; male 40, by fracture of leg on board ship; male 54, blood poisoning through fracture of leg.

Greater London.

In Greater London 2879 births and 2051 deaths were registered, equal to annual rates of 33·8 and 24·1 per 1000 of the population. In the Outer Ring 6 deaths were referred to small-pox in as many registration sub-districts. Measles caused 3 deaths in Carshalton, and diphtheria 2 in Finchley sub-districts.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 43, Bombay 41, Madras 57; Paris 27; Geneva 27; Brussels 32; Amsterdam 25, Rotterdam 27, The Hague 24; Copenhagen 23; Stockholm 33; Christiania 25; St. Petersburgh 60; Berlin 29, Hamburg 29, Dresden 30, Breslau 37, Munich 41; Vienna 37, Buda-Pesth 50; Rome 40, Naples 46, Turin 56, Venice 39; Alexandria 34; New York 27, Brooklyn 18, Philadelphia 19, and Boston 20. The death-rate in the 21 European cities, averaged 35 per 1000.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·61 in.; the highest reading was 29·88 in. on Monday morning, and the lowest 29·31 in. on Saturday afternoon. The mean temperature of the *air* was 51°·5, and 4°·6 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from themometrical observations at the Royal Observatory. The mean exceeded the average on each day of the week; on Sunday, 14th instant, the mean was 54°·7, and 8°·4 above the average; while both on Tuesday and Saturday the mean did not exceed 50°·0. The lowest night temperature was 41°·5 on Friday, and the highest day temperature in the shade 64°·3 on Thursday and Friday; the extreme range in the week was, therefore, 22°·8. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 117°·5 on Thursday. The difference between the mean *dew-point* and *air* temperature averaged 4°·5. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 50°·0. The mean degree of *humidity* of the air was 85, complete saturation being represented by 100; the air was of the average dryness. The general direction of the *wind* was south-west, and the horizontal movement of the air averaged 8·3 miles per hour, which was 3·8 below the average in the corresponding week of 16 years. *Rain* fell on four days of the week, to the aggregate amount of 0·73 of an inch. The duration of registered sunshine in the week was 17·9 hours, the sun being above the horizon during 97·5 hours; the recorded duration of sunshine was, therefore, equal to 18 per cent. of its possible duration.

Table 1.—Births and Deaths registered, and Meteorology,* in 23 Towns of the United Kingdom, during the Week ending Saturday, the 20th April, 1878.

Cities and Boroughs. (*Municipal Boundaries, except for* London *and* Dublin.)	Area in Acres, exclusive of tidal water and foreshore.	Population estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 20th April, 1878. Births.	Deaths.	Temperature of the Air. (Fahrenheit.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Temperature of the Air. (Centigrade.) Weekly Mean of the Daily Mean Values.	Rain Fall. In Inches.	In Centimetres.
In 23 Towns in the United Kingdom	220,845	8,373,953	37·9	5669	4130	73·0	33·7	51·1	10·62	0·83	2·11
London	75,362	3,577,304	47·5	2418	1773	64·3	41·5	51·5	10·84	0·73	1·85
Brighton	2,354	103,923	44·1	57	41	61·3	43·6	50·2	10·11	1·18	3·00
Portsmouth	4,486	129,461	28·9	79	50	61·2	44·5	50·8	10·45	1·06	2·69
Norwich	7,472	84,620	11·3	52	29	65·0	40·5	52·1	11·17	0·51	1·30
Plymouth	1,395	73,599	52·8	41	48	57·0	47·5	50·4	10·22	1·38	3·51
Bristol	4,452	206,419	46·4	141	79	63·6	38·4	51·8	11·01	0·90	2·29
Wolverhampton	3,396	74,240	21·9	39	31	62·3	38·3	50·1	10·06	0·90	2·29
Birmingham	8,400	383,117	45·6	286	177	–	–	–	–	–	–
Leicester	3,200	121,473	38·0	78	45	–	–	–	–	–	–
Nottingham	9,960	165,267	16·6	102	69	64·6	35·8	51·0	10·56	0·45	1·14
Liverpool	5,210	532,681	102·2	371	317	63·3	37·6	51·0	10·56	0·73	1·85
Manchester	4,293	360,514	84·0	247	208	–	–	–	–	–	–
Salford	5,170	170,251	32·9	124	60	65·5	40·0	50·8	10·45	1·10	2·79
Oldham	4,666	107,366	23·0	85	79	–	–	–	–	–	–
Bradford	7,220	185,088	25·6	126	84	62·8	41·0	49·6	9·78	0·32	0·81
Leeds	21,572	304,948	14·1	206	128	64·0	42·0	50·9	10·50	0·28	0·71
Sheffield	19,651	289,537	14·7	227	125	66·0	39·0	51·5	10·84	1·11	2·82
Hull	3,635	143,139	39·4	111	55	–	–	–	–	–	–
Sunderland	3,306	112,459	34·0	92	56	73·0	42·0	50·6	10·34	1·07	2·72
Newcastle-on-Tyne	5,371	144,570	26·9	96	62	–	–	–	–	–	–
Edinburgh	4,191	222,371	53·1	152	114	62·1	40·2	51·3	10·73	0·53	1·35
Glasgow	6,033	566,940	94·0	372	320	59·7	43·0	51·8	11·01	1·15	2·92
Dublin	10,050	314,666	31·3	167	180	65·1	33·7	52·9	11·61	0·71	1·80

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.

† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

Table 2.—Deaths and Rate of Mortality in 20 large English Towns, having an estimated population of 7,269,976 persons, and in Dublin, during the Week ending Saturday the 20th April, 1878.

Boroughs, &c. (*Municipal Boundaries, except for* London *and* Dublin.)	Annual Rate of Mortality per 1000 living. From All Causes.	From Seven Zymotic Diseases.	Deaths from all Causes.	The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
In 20 Towns	25·2	4·1	3516	818	697	80	88	97	17	193	55	44	124	199	596
London	25·9	4·7	1773	379	354	80	31	37	8	123	26	18	75	124	360
Brighton	20·6	3·5	41	13	12	–	–	1	–	5	1	–	2	3	6
Portsmouth	20·2	3·6	50	10	9	–	2	–	–	3	2	2	2	2	9
Norwich	17·9	0·6	29	8	10	–	–	–	–	1	–	–	1	1	5
Plymouth	34·0	9·2	48	13	10	–	5	1	–	7	–	–	1	2	1
Bristol	20·0	1·5	79	14	28	–	2	1	–	–	2	1	1	1	19
Wolverhampton	21·8	4·9	31	6	8	–	–	3	–	2	1	1	1	1	7
Birmingham	24·1	3·4	177	40	34	–	–	11	2	7	3	2	13	19	25
Leicester	19·3	1·3	45	19	7	–	–	–	–	2	1	–	2	3	5
Nottingham	21·8	0·9	69	17	18	–	–	1	–	1	1	–	–	2	11
Liverpool	31·1	5·4	317	57	56	–	25	6	1	12	6	5	14	15	71
Manchester	30·1	5·1	208	46	37	–	4	5	1	12	4	9	5	14	40
Salford	18·4	1·5	60	22	5	–	1	1	–	1	2	–	–	1	6
Oldham	38·4	7·3	79	20	12	–	10	4	–	1	–	–	–	2	4
Bradford	23·7	1·7	84	28	16	–	2	–	–	2	1	1	1	1	3
Leeds	21·9	1·4	128	39	26	–	–	4	–	2	–	2	3	4	7
Sheffield	22·5	4·1	125	45	18	–	2	15	1	4	–	1	2	3	7
Hull	20·1	1·5	55	17	12	–	–	–	1	–	2	1	–	–	4
Sunderland	26·0	8·4	56	14	10	–	4	4	2	5	3	–	1	1	–
Newcastle-on-Tyne	22·4	2·9	62	11	15	–	–	3	1	3	–	1	–	–	6
Dublin	29·8	5·3	180	20	54	9	2	1	1	5	6	8	4	3	77

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the SIXTEENTH Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2453	2208	2317	2079	2252	2312	2373	2254	2557	2475	2328·0	2418
Males . .	1248	1134	1169	1065	1165	1146	1211	1129	1308	1209	1178·4	1276
Females .	1205	1074	1148	1014	1037	1166	1162	1125	1249	1266	1149·6	1142
TOTAL **Deaths**	1539	1377	1487	1578	1410	1603	1300	1600	1631	1532	1505·7	1773
Males . .	804	692	755	790	752	808	680	803	893	805	778·2	918
Females .	735	685	732	788	658	795	620	797	738	727	727·5	855

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Jan. 26.	Feb. 2.	Feb. 9.	Feb. 16.	Feb. 23.	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.
TOTAL **Deaths** - - -	1864	1703	1813	1927	1756	1637	1580	1526	1676	1766	1877	1895	1773
0—20 - -	899	788	855	896	839	823	807	767	854	899	900	954	899
20—40 - -	203	248	245	246	212	202	216	196	198	214	230	234	241
40—60 - -	335	276	305	331	263	254	249	245	283	296	346	293	279
60—80 - -	359	320	326	376	358	297	260	257	276	295	323	343	295
at 80 years & upwds.	68	71	82	78	84	61	48	61	65	62	78	71	59
Deaths of children: Under 1 year -	409	318	393	412	397	381	370	352	386	390	381	415	379
Deaths of children: 1—5 - - -	365	342	344	340	326	333	331	301	351	368	402	403	375
Deaths of children: 5—20 - -	125	128	118	144	116	109	106	114	117	141	117	136	145
Deaths from 7 principal Zymotic Diseases	304	266	306	295	257	288	259	243	277	339	319	346	323
" " Smallpox - -	34	38	55	47	39	54	34	53	42	48	55	58	80
" " Measles - -	63	56	40	43	40	41	46	32	34	35	30	40	31
" " Scarlet Fever -	39	43	37	32	34	35	35	28	22	47	42	36	37
" " Diphtheria -	6	9	10	5	9	8	7	6	13	12	8	9	8
" " Whooping-cough	117	89	114	124	100	112	102	84	124	158	146	157	123
" " Typhus fever -	3	5	3	2	5	5	6	9	2	3	4	4	3
" " Enteric (or Typhoid) fever -	23	12	21	24	16	18	17	16	25	23	20	23	14
" " Simple Cont^d fever	6	3	4	4	3	4	5	2	2	2	5	5	9
" " Diarrhœa - -	13	11	22	14	11	11	7	13	13	11	9	14	18
" " Simple Cholera -	–	1	–	–	–	–	–	–	1	–	–	1	–
" " Dis. of Respiratory Organs -	455	448	502	544	475	413	362	340	402	421	474	497	398
" " Phthisis - -	174	167	166	199	168	156	162	174	154	169	208	182	188
" " Heart Diseases -	121	111	95	112	108	94	75	86	89	118	111	106	88
Violent Deaths - - -	56	53	48	61	60	48	51	35	53	57	39	49	75
Inquest Cases - - -	97	95	96	127	115	106	96	72	98	118	102	99	124
Deaths in Public Institutions	336	324	332	387	353	290	294	294	333	334	358	333	360
TEMPERATURE OF THE AIR:													
Mean - - - -	42·3°	36·2°	35·1°	42·6°	46·5°	48·7°	46·6°	40·5°	43·3°	35·5°	40·4°	46·0°	51·5°
Mean of Highest readings -	46·7	40·8	38·5	48·0	52·7	53·4	53·1	48·3	50·5	44·6	50·3	54·1	61·0
Mean of Lowest readings -	37·5	31·0	31·9	36·4	41·5	4·44	41·3	33·7	37·3	29·1	31·8	38·0	44·4
Mean Temperature of the Water of the Thames -	43·0	39·8	38·1	39·6	45·1	47·0	49·1	47·0	45·7	44·0	41·4	44·7	50·0
Humidity of the Air - -	80	87	92	91	83	81	72	74	75	76	78	75	85
Rain-fall in inches - -	0·11	0·42	0·05	0·80	0·03	0·34	0·00	0·09	0·00	0·71	0·38	2·85	0·73
Registered Sunshine (in hours)	11·6	11·8	3·8	8·2	15·8	4·2	19·4	19·1	9·9	18·2	34·6	45·4	17·9

METEOROLOGICAL OBSERVATIONS. (*See* TABLE **1.**)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich: John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the SIXTEENTH Week of the Year 1878.

CAUSES OF DEATH.	Average in the Sixteenth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, April 20, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
Mean Temperature -	49·4°	51·5°							
ALL CAUSES - -	1505·7	1773	379	375	145	241	279	295	59
SPECIFIED CAUSES	1500·9	1769	376	375	145	240	279	295	59
I. ZYMOTIC.									
ORDER 1.									
Small-pox - - -	42·9	80	8	15	30	23	4	-	-
Measles - - -	37·4	31	5	24	2	-	-	-	-
Scarlet Fever - -	30·7	37	2	24	9	1	1	-	-
Diphtheria - -	5·6	8	1	6	1	-	-	-	-
Quinsy - - -	·7	2	-	-	1	-	1	-	-
Croup - - -	13·8	16	2	12	2	-	-	-	-
Whooping-cough -	69·6	123	36	82	5	-	-	-	-
Typhus - - -	30·0 (Enteric or Typhoid Fev. + Simple continued Fev.)	3	-	-	2	-	1	-	-
Enteric or Typhoid Fev.		14	-	3	4	5	2	-	-
Simple continued Fev.		9	-	4	1	1	1	2	-
Erysipelas - -	6·8	10	4	-	-	-	2	4	-
Puerperal Fev. (Metria)	3·9	9	-	-	1	6	2	-	-
Carbuncle - -	·6	1	-	-	-	-	-	1	-
Influenza - - -	·6	-	-	-	-	-	-	-	-
Dysentery - -	1·5	-	-	-	-	-	-	-	-
Diarrhœa - - -	15·1	18	9	2	-	1	3	1	2
Simple Cholera - -	·1	-	-	-	-	-	-	-	-
Ague - - - -	·2	-	-	-	-	-	-	-	-
Remittent Fever -	·1	-	-	-	-	-	-	-	-
Rheumatism - -	8·1	12	-	-	2	4	4	2	-
Other *Zymotic* Diseases	·4	1	1	-	-	-	-	-	-
ORDER 2.									
Syphilis - - -	9·2	4	3	-	1	-	-	-	-
Stricture of Urethra -	1·2	-	-	-	-	-	-	-	-
Hydrophobia - -	·1	-	-	-	-	-	-	-	-
Glanders - - -	-	1	-	-	-	-	1	-	-
ORDER 3.									
Privation - - -	·7	2	-	-	-	1	1	-	-
Want of Breast-milk	7·9	8	7	1	-	-	-	-	-
Purpura and Scurvy -	4·1	9	1	5	1	1	1	-	-
Alcoholism { *a* Del. Tremens	1·8	1	-	-	-	-	1	-	-
Alcoholism { *b* Intemperance	1·3	4	-	-	-	1	2	1	-
ORDER 4.									
Thrush - - -	2·0	1	1	-	-	-	-	-	-
Worms, &c. - -	·6	1	-	-	1	-	-	-	-
CONSTITUTIONAL.									
ORDER 1.									
Gout - - - -	3·4	3	-	-	-	-	3	-	-
Dropsy - - -	11·6	10	-	2	-	4	1	2	1
Cancer - - -	33·1	38	-	-	-	4	19	14	1
Cancrum Oris (Noma)	·4	-	-	-	-	-	-	-	-
Mortification - -	3·8	3	-	-	-	-	-	3	-
ORDER 2.									
Scrofula - - -	11·2	7	-	5	1	1	-	-	-
Tabes Mesenterica -	21·9	23	13	7	2	1	-	-	-
Phthisis - - -	181·7	188	7	2	23	94	52	9	1
Hydrocephalus - -	29·5	43	23	15	5	-	-	-	-
III. LOCAL.									
ORDER 1.									
Cephalitis - - -	22·0	31	5	9	9	1	5	2	-
Apoplexy - - -	42·1	53	4	4	2	3	11	24	5
Paralysis - - -	31·2	34	-	1	-	2	7	20	4
Insanity - - -	1·8	2	-	-	-	-	1	1	-
Chorea - - -	·1	-	-	-	-	-	-	-	-
Epilepsy - - -	7·5	7	-	-	1	2	1	2	1
Convulsions - -	50·9	64	43	21	-	-	-	-	-
Brain Disease, &c. -	19·3	19	-	1	4	-	4	8	2
ORDER 2.									
Pericarditis - -	1·9	2	-	-	-	-	1	1	-
Aneurism - - -	3·7	4	-	-	-	2	1	-	1
Heart Disease, &c. -	74·9	82	-	-	8	7	30	31	6
ORDER 3.									
Laryngitis - - -	12·5	12	5	5	-	1	1	-	-
Bronchitis - - -	182·7	250	53	56	5	4	34	81	17
Pleurisy - - -	4·5	5	1	-	-	2	1	1	-
Pneumonia - -	93·0	104	28	29	6	16	17	8	-
Asthma - - -	10·2	3	-	-	-	1	2	-	-
Lung Disease, &c. -	19·3	24	3	6	1	7	4	3	-

CAUSES OF DEATH.	Average in the Sixteenth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, April 20, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
Mean Temperature -	49·4°	51·5°							
ORDER 4.									
1. Gastritis - - -	2·1	-	-	-	-	-	-	-	-
2. Enteritis - - -	4·6	6	3	-	1	-	-	1	1
3. Peritonitis - - -	5·8	6	-	1	2	1	-	2	-
4. Ascites - - -	1·4	1	-	-	-	-	1	-	-
5. Ulceration of Intestines	2·3	2	-	-	-	1	1	-	-
6. Hernia - - -	4·9	1	-	-	-	-	-	1	-
7. Ileus - - - -	3·5	4	-	-	-	2	-	1	1
8. Intussusception -	1·2	2	-	-	-	1	1	-	-
9. Stricture of Intestines	1·2	-	-	-	-	-	-	-	-
10. Fistula - - -	·4	1	-	-	-	-	-	1	-
11. *Stomach Disease, &c.* -	7·4	3	1	-	-	-	-	2	-
12. *Pancreas Disease, &c.*	—	-	-	-	-	-	-	-	-
13. Hepatitis - - -	3·4	3	-	-	-	3	-	-	-
14. Jaundice - - -	5·3	2	-	-	-	-	-	2	-
15. *Liver Disease, &c.* -	19·4	24	1	-	-	3	13	7	-
16. *Spleen Disease, &c.* -	·1	1	-	-	-	-	1	-	-
ORDER 5.									
1. Nephritis - - -	2·0	7	-	1	2	2	1	1	-
2. Ischuria - - -	·3	-	-	-	-	-	-	-	-
3. Bright's Dis. (Nephria)	10·8	21	-	-	2	7	7	5	-
4. Diabetes - - -	2·8	2	-	-	1	-	1	-	-
5. Calculus (Stone) -	1·4	-	-	-	-	-	-	-	-
6. Cystitis - - -	·9	3	-	-	-	-	2	1	-
7. *Kidney Disease, &c.* -	9·4	8	-	-	-	2	4	2	-
ORDER 6.									
1. Ovarian Dropsy -	·8	2	-	-	-	-	1	1	-
2. *Uterus Disease, &c.* -	3·8	6	-	-	-	2	4	-	-
ORDER 7.									
1. Synovitis (Arthritis)	·3	-	-	-	-	-	-	-	-
2. *Joint Disease, &c.* -	7·4	6	-	-	2	2	1	1	-
ORDER 8.									
1. Phlegmon - - -	3·2	1	-	-	-	-	-	1	-
2. Ulcer - - - -	1·2	2	-	-	-	-	-	2	-
3. *Skin Disease, &c.* -	1·5	3	2	-	-	-	-	1	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth -	24·3	23	23	-	-	-	-	-	-
2. Cyanosis - - -	1·9	4	3	1	-	-	-	-	-
3. Spina Bifida - -	1·1	3	3	-	-	-	-	-	-
4. Other Malformations	2·3	1	1	-	-	-	-	-	-
5. Teething - - -	20·0	21	10	11	-	-	-	-	-
ORDER 2.									
1. Paramenia - - -	·1	-	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever) - -	5·0	1	-	-	-	1	-	-	-
ORDER 3.									
1. Old Age - - -	49·7	43	-	-	-	-	-	27	16
ORDER 4.									
1. Atrophy and Debility	63·5	65	44	9	1	-	1	10	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	17·7	31	-	4	2	12	8	5	-
2. Wounds { Gunshot	·7	-	-	-	-	-	-	-	-
2. Wounds { Cut, Stab		-	-	-	-	-	-	-	-
3. Burns and Scalds -	5·0	6	-	5	1	-	-	-	-
4. Poison - - -	·6	-	-	-	-	-	-	-	-
5. Drowning - - -	6·5	8	-	2	1	3	2	-	-
6. Suffocation - -	9·6	18	18	-	-	-	-	-	-
7. Otherwise - - -	2·2	2	2	-	-	-	-	-	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	2·0	-	-	-	-	-	-	-	-
ORDER 4. SUICIDE.)									
1 Wounds { Gunshot -	·6	1	-	-	-	-	1	-	-
1 Wounds { Cut, Stab -	1·7	-	-	-	-	-	-	-	-
2. Poison - - -	1·0	2	-	-	-	1	1	-	-
3. Drowning - - -	1·8	2	-	-	-	1	1	-	-
4. Hanging - - -	1·8	4	-	-	-	-	4	-	-
5. Otherwise - - -	·8	1	-	-	-	-	1	-	-
ORDER 5. (EXECUTION.)									
1. Hanging - - -	—	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - -	·9	-	-	-	-	-	-	-	-
Causes not specified or ill-defined - - -	3·9	4	3	-	-	1	-	-	-

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

Table 6. LONDON.—Population, Births, Deaths from all Causes, and from Small-pox, Measles, Scarl during the Week endi

Registration Sub-districts.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The Deaths registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,254,260	2418	1773	379	354	80	31	37	8	123	3	14	9	18	75	124
West Districts	561,359	378	311	58	74	6	3	8	2	17	-	1	-	6	9	22
North Districts	751,729	550	430	89	96	53	13	8	2	11	1	5	5	2	14	20
Central Districts	334,369	181	154	41	17	-	4	3	-	11	-	1	1	-	10	19
East Districts	639,111	514	347	79	62	8	4	8	2	41	1	3	-	1	26	41
South Districts	967,692	795	531	112	105	13	7	10	2	43	1	4	3	9	16	22
West Districts.																
St. Mary Paddington *WH*	58728	38	33	9	12	-	1	1	-	-	-	-	-	2	1	1
St. John Paddington *H*	38085	16	15	1	4	-	-	-	-	-	-	-	-	-	-	-
Kensington Town *W*	91645	80	59	12	11	-	-	5	1	3	-	-	-	1	-	1
Brompton *H*	28654	13	24	4	4	-	-	-	-	-	-	-	-	-	1	1
St. Peter Hammersmith	6662	7	3	-	2	-	-	-	-	-	-	-	-	-	-	1
St. Paul Hammersmith *H*	36029	36	24	5	7	-	-	1	-	3	-	1	-	-	-	2
Fulham *WwH*	23350	12	17	2	2	6	1	-	-	4	-	-	-	-	-	-
Chelsea South *HHH*	26420	24	10	1	3	-	-	-	-	2	-	-	-	-	-	-
Chelsea North-west *WHHHH*	22926	14	24	2	9	-	-	-	-	-	-	-	-	1	-	2
Chelsea North-east	21392	27	11	6	1	-	-	-	-	-	-	-	-	-	-	4
Hanover Square *H*	18698	5	3	-	-	-	-	-	-	1	-	-	-	-	-	1
May Fair *WW*	13358	7	13	1	5	-	-	-	-	1	-	-	-	-	-	-
Belgrave *HH*	57972	37	31	3	8	-	-	-	1	-	-	-	-	1	3	4
St. John Westminster *HH*	38478	24	14	4	3	-	-	-	-	2	-	-	-	-	-	-
St. Margaret Westminster *WH*	27781	13	7	3	-	-	-	-	-	-	-	-	-	1	1	1
Golden Square *WH*	12860	11	9	1	2	-	1	1	-	-	-	-	-	-	-	1
Berwick-street *H*	20759	5	5	1	1	-	-	-	-	-	-	-	-	-	2	2
St. Anne Soho *HHHHH*	17562	9	9	3	-	-	-	-	-	1	-	-	-	-	1	1
North Districts.																
All Souls Marylebone *HHHH*	28579	12	11	2	1	-	1	-	-	-	-	-	-	-	-	-
Cavendish Square *HH*	15425	5	4	-	1	1	-	-	-	-	-	-	-	-	1	1
Rectory Marylebone *WH*	26384	11	26	3	12	1	1	1	-	-	-	-	-	-	-	2
St. Mary Marylebone *HHH*	21786	23	4	2	1	-	-	-	-	-	-	-	-	-	1	1
Christchurch Marylebone *H*	33944	16	18	7	7	-	-	-	-	1	-	-	-	-	-	-
St. John Marylebone *H*	33136	16	16	1	7	1	-	-	-	-	-	-	-	-	1	1
Hampstead *WwHH*	32281	26	38	3	4	22	1	-	2	1	-	-	-	-	-	-
Regent's Park Pancras	38200	21	16	4	2	-	1	-	-	1	-	-	-	-	-	-
Tottenham-court *wHHH*	29370	23	20	5	5	-	1	-	-	2	-	-	-	-	1	1
Gray's Inn Lane *HHH*	29221	23	6	1	2	-	-	-	-	-	-	-	-	-	2	2
Somers Town	38533	26	16	4	2	-	2	-	-	2	-	-	-	1	-	-
Camden Town *WH*	17943	10	18	4	7	-	1	-	-	-	-	-	-	-	1	1
Kentish Town *w*	68198	55	27	5	3	-	-	-	-	1	-	-	3	-	-	1
Islington West *HHH*	97820	70	41	7	10	2	1	3	-	1	-	2	-	-	2	3
Islington East *WwwH*	115958	109	68	22	12	1	3	2	-	1	-	2	-	-	3	3
Stoke Newington *H*	9841	19	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Stamford Hill	6598	2	3	-	1	-	-	-	-	-	-	-	-	-	1	1
West Hackney	28069	31	13	5	5	1	1	-	-	-	-	1	-	-	-	-
Hackney *WwwHL*	50104	32	62	9	12	23	-	1	-	-	1	-	-	1	-	1
South Hackney	30339	20	21	5	2	1	-	1	-	1	-	-	2	-	1	2
Central Districts.																
St. George Bloomsbury	17853	9	6	1	-	-	2	-	-	-	-	-	-	-	-	-
St. Giles South *WH*	19109	16	7	1	2	-	-	-	-	-	-	-	-	-	-	-
St. Giles North	16594	6	2	1	-	-	-	-	-	1	-	-	-	-	-	-
Long Acre	11379	8	9	3	-	-	-	-	-	1	-	-	-	-	1	3
Charing Cross *HH*	9859	5	7	-	-	-	-	-	-	-	-	-	-	-	3	4
St. Mary-le-Strand	9378	6	5	2	-	-	-	-	-	-	-	-	-	-	-	1
St. Clement Danes *H*	10723	4	8	3	2	-	-	-	-	-	-	-	-	-	-	1
St. George-the-Martyr *HHHHH*	20521	13	2	1	-	-	1	-	-	-	-	-	-	-	-	-
St. Andrew Eastern *W*	13529	2	14	2	3	-	-	-	-	1	-	-	-	-	-	-
Saffron Hill *H*	9066	6	5	1	-	-	-	1	-	1	-	-	-	-	-	-
St. James Clerkenwell *W*	18917	14	10	3	2	-	-	-	-	-	-	-	-	-	-	1
Amwell Clerkenwell	16884	5	5	1	1	-	-	-	-	-	-	-	-	-	-	-
Pentonville	13337	10	5	2	-	-	-	-	-	2	-	-	-	-	1	2
Goswell-street	16242	12	5	1	2	-	1	-	-	-	-	-	-	-	-	1
Old-street *H*	12161	6	6	3	-	-	-	1	-	1	-	-	-	-	1	1
City-road *HHL*	18301	24	15	6	-	-	-	-	-	2	-	-	-	-	-	-
Whitecross-street	13792	6	7	3	1	-	-	-	-	-	-	-	-	-	2	3
Finsbury	10741	6	8	2	-	-	-	-	-	1	-	-	-	-	-	-
St. Botolph East London *H*	14540	7	9	2	2	-	-	-	-	1	-	-	-	-	1	1
Cripplegate	13638	2	6	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre *H*	7562	4	8	1	1	-	-	-	-	-	-	1	-	-	1	1
St. Bride *W*	11185	5	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard	4426	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch	6270	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe	4753	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking	5764	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street *H*	7845	1	3	-	-	-	-	1	-	-	-	-	1	-	-	-

Note.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: *W*—Work *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, at the foot of next page.

FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT Saturday, 20th April 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
Holywell Shoreditch	12430	5	7	3	-	-	-	-	-	3	-	-	-	-	-	-	-
St. Leonard Shoreditch *HL*†	16545	8	10	1	2	-	-	-	-	3	-	-	-	-	-	1	-
Hoxton New Town *w*	27835	17	14	3	3	-	-	-	-	5	-	-	-	-	-	-	-
Hoxton Old Town	26933	19	11	2	-	-	1	2	-	3	-	-	-	-	-	-	-
Haggerston * *WH*	43421	41	39	6	7	-	-	2	-	3	-	-	-	-	1	3	11
Hackney-road *H*	29822	24	11	3	2	-	1	-	-	1	-	-	-	-	2	2	-
Green, Bethnal Green *WHL*†	42433	54	25	5	7	-	-	1	-	2	-	-	-	-	-	-	10
Church, Bethnal Green	26577	24	17	6	3	-	-	-	-	3	-	-	-	-	-	2	-
Town, Bethnal Green	21272	12	7	4	-	-	-	-	-	2	-	-	-	-	2	2	-
Spitalfields *H*	22499	11	7	2	3	-	-	-	-	-	-	-	-	-	3	4	2
Mile End New Town *W*	15550	5	21	5	4	-	-	-	-	-	-	-	-	-	2	4	13
Whitechapel North	11597	3	2	1	-	-	-	-	-	-	-	-	-	-	1	1	-
Whitechapel Church *H*	7322	5	10	-	3	-	-	-	-	-	-	-	-	-	4	4	9
Goodman's Fields	10381	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Aldgate	9224	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary St. George East	17900	16	8	2	-	-	-	-	-	2	-	-	-	-	-	-	-
St. Paul St. George East	21350	18	7	4	1	-	-	-	-	1	-	-	-	-	-	1	-
St. John St. George East *W*	8802	4	10	4	4	-	-	-	-	1	-	-	-	-	-	3	6
Shadwell *H*	11640	10	7	1	1	-	-	-	-	2	-	-	-	-	-	-	2
Ratcliff	16131	9	11	4	4	2	-	-	-	1	-	1	-	-	2	2	-
Limehouse	29919	15	25	7	2	2	1	-	-	1	-	1	-	-	2	2	-
Mile End Old Town Western	38128	34	7	2	1	1	-	-	-	3	-	-	-	-	-	-	-
Mile End Old Town Eastern *WwwH*	55024	40	30	4	7	1	-	2	1	1	1	-	-	1	2	4	7
Bow *wwwH*	67765	86	42	6	8	2	1	1	1	2	-	-	-	-	3	4	9
Poplar *WW*	48611	46	17	3	-	-	-	-	-	2	-	1	-	-	2	2	-
SOUTH DISTRICTS.																	
Christchurch Southwark *WH*	14573	7	11	3	3	-	-	-	-	2	-	-	-	-	1	2	1
St. Saviour Southwark *H*	15677	11	7	1	1	-	-	-	-	1	-	-	-	-	-	-	-
Kent-road	20421	17	12	4	3	-	1	-	-	2	-	-	1	-	1	-	-
Borough-road *WH*	16695	12	8	1	-	-	-	-	-	-	-	-	-	-	-	1	1
London-road *HL*	18961	16	10	2	-	-	-	2	-	1	-	-	-	-	-	-	-
Trinity Newington	23682	16	7	2	1	-	-	-	-	1	-	-	-	1	-	1	-
St. Peter Walworth *W*	48248	51	39	6	13	-	-	1	-	2	-	-	-	-	1	1	16
St. Mary Newington	16792	15	4	1	3	-	-	-	-	-	-	-	-	-	-	-	-
St. Olave Southwark *H*	4373	1	7	1	-	-	-	-	-	1	-	-	-	-	4	4	6
St. John Horsleydown *W*	10500	11	11	5	3	-	-	-	-	1	-	-	-	1	-	-	1
Leather Market	16787	13	5	2	-	-	-	-	-	-	-	-	-	-	1	1	-
St. Mary Magdalen *W*	15709	16	19	3	6	-	-	-	-	2	-	-	-	-	-	-	11
St. James Bermondsey	47933	36	27	4	4	1	1	-	-	3	-	-	-	1	-	-	-
Rotherhithe *W*	27096	20	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Waterloo-road 1st *H*	14074	15	10	4	1	-	-	-	-	2	-	-	-	-	-	1	1
Waterloo-road 2nd *H*	18465	14	7	1	1	-	-	2	-	2	-	-	-	-	-	1	-
Lambeth Church 1st *H*	19492	14	20	2	2	-	-	-	1	2	-	1	-	-	5	5	10
Lambeth Church 2nd *WW*	35833	19	13	3	3	2	-	-	-	2	-	-	-	1	-	-	6
Kennington 1st	41286	29	20	5	3	-	-	-	-	3	-	-	-	-	-	-	-
Kennington 2nd	31221	19	15	5	3	-	-	-	-	1	-	-	-	1	-	-	-
Brixton *w*	35435	32	27	4	3	8	-	-	-	1	1	1	-	-	-	-	8
Norwood *W*	12536	12	6	-	4	-	-	-	-	1	-	-	-	1	-	-	-
Clapham *H*	27347	26	6	2	1	-	-	-	-	1	-	-	-	-	-	-	-
Battersea *Ww*	54016	54	38	13	3	1	1	-	-	1	-	-	-	2	1	1	6
Wandsworth *HL*	19783	15	9	2	2	-	1	-	-	-	-	-	-	-	-	-	2
Putney	9439	3	3	-	-	-		-	-	-	-	-	-	-	-	-	-
Streatham	14475	10	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Dulwich	4041	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Camberwell *WL*†*L*†	31254	32	27	2	5	-	-	2	-	1	-	-	1	-	1	1	12
Peckham *W*	42160	42	25	2	7	-	-	-	-	2	-	-	1	-	-	1	-
St. George Camberwell	33851	41	18	3	5	1	-	-	-	3	-	-	-	1	-	-	-
St. Paul Deptford *w*	53714	48	22	8	6	-	-	-	1	1	-	1	-	-	-	-	-
St. Nicholas Deptford	6474	7	7	2	2	-	-	-	-	1	-	-	-	-	-	-	-
Greenwich West	21034	19	8	2	1	-	1	1	-	-	-	-	-	-	1	2	-
Greenwich East *WH*	19378	12	14	1	5	-	-	-	-	-	-	1	-	-	-	-	9
Eltham *H*	4539	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lee	16440	10	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Lewisham Village *WH*	11513	7	7	1	3	-	-	-	-	-	-	-	-	-	-	-	1
Sydenham *H*	19065	22	15	6	-	-	-	1	-	2	-	-	-	-	-	-	1
Charlton *H*	9564	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Woolwich Dockyard	17226	8	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Woolwich Arsenal *WHH*	18331	11	6	-	1	-	2	1	-	-	-	-	-	-	-	-	-
Plumstead, West	13027	11	7	1	1	-	-	-	-	1	-	-	-	-	-	-	-
Plumstead, East *W*	15232	14	12	4	3	-	-	-	-	-	-	-	-	-	-	-	5

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the above Table by *w*:—

Central London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary " " "
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.
London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

* The two sub-districts of Haggerston West and Haggerston East were on 1st July united for registration purposes, and called Haggerston sub-district.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during t
Week ending Saturday, 20th April 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
	LONDON—OUTER RING	368,414	631,381	461	278	59	69	6	9	6	3	8	5	2	6	11
29 : 1	Carshalton *wL* - - -	12228	13523	5	5	2	-	-	3	-	-	-	-	-	-	-
2	Epsom (*part of*) * *WH* -	9971	9145	5	5	2	1	-	-	-	-	-	-	-	-	-
36 : 1	Godstone (*part of*) * - -	2754	900	1	-	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	52	24	8	5	-	-	2	1	1	-	-	1	1
2	Mitcham *WH* - - -	11697	12534	15	6	1	3	-	-	-	-	1	-	-	-	-
38 : 1	Wimbledon *HH* - -	3220	9087	3	3	1	1	-	-	-	-	-	1	-	-	-
2	Kingston *WH* - - -	8549	27489	13	11	1	4	-	-	-	-	-	-	-	-	-
3	Esher (*part of*) * - -	6601	7353	6	2	1	-	-	-	-	-	-	-	-	-	-
4	Hampton - - - -	4573	10185	9	3	-	-	-	-	-	-	-	1	-	-	-
39 : 1	Richmond *WH* - - -	2271	16829	9	6	1	2	-	-	-	-	-	-	-	-	1
2	Mortlake - - - -	2961	9816	10	2	-	-	-	-	-	-	-	-	-	-	-
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	5	9	2	3	-	-	1	-	-	-	-	-	-
2	Chislehurst (*part of*)* *W* -	13665	10028	11	4	1	1	1	-	-	-	-	-	-	-	-
41 : 1	Bexley *H* - - - -	13439	19566	14	5	1	1	-	-	-	-	-	-	-	-	-
123 : 1	Sunbury *W* - - -	11055	9860	8	5	2	1	-	-	-	-	-	-	-	1	1
2	Staines *W* - - - -	13277	10339	1	1	1	-	-	-	-	-	-	-	1	-	-
124 : 1	Hillingdon *WH* - - -	6029	9712	7	2	-	-	-	-	-	-	-	-	-	-	1
2	Uxbridge - - - -	6178	5329	1	-	-	-	-	-	-	-	-	-	-	-	-
3	Hayes *WL* - - - -	14587	10497	3	8	-	1	1	-	-	-	1	-	-	-	-
125 : 1	Isleworth *W* - - -	7008	19930	8	10	2	3	-	-	-	-	-	1	-	-	-
2	Twickenham - - -	2477	10533	7	2	-	-	1	-	-	-	-	-	-	-	-
3	Brentford *HL* - - -	4370	20279	12	11	2	3	-	-	-	-	-	-	1	2	3
4	Chiswick - - - -	1311	8508	4	6	3	2	-	-	-	-	-	-	-	-	-
5	Acton *WH* - - - -	6087	12683	11	2	1	-	-	-	-	-	1	-	-	-	-
126 : 1	Harrow *H* - - - -	13809	10869	4	1	-	-	-	-	-	-	-	-	-	-	-
2	Edgware *H* - - -	6994	3450	-	1	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	15	2	-	1	-	-	-	-	-	-	-	-	-
4	Hendon *WH* - - -	8382	6972	10	5	1	1	-	1	-	-	-	-	-	-	-
127 : 1	South Mimms - - -	15419	5924	4	1	-	-	-	-	-	-	-	-	-	-	-
2	Barnet *W* - - - -	5423	7752	7	1	-	-	-	-	-	-	-	-	-	-	-
3	Finchley *L* - - - -	4688	11493	7	10	1	3	-	-	-	2	-	-	-	-	-
128 : 1	Hornsey *H* - - - -	3039	19357	20	12	1	3	-	1	-	-	-	-	-	-	1
2	Tottenham *H* - - -	4642	22869	20	9	2	3	-	-	-	-	-	-	-	1	1
3	Edmonton *WW* - - -	7483	13860	16	16	3	7	1	1	-	-	-	-	-	-	-
4	Enfield *WH* - - -	12653	16054	2	6	-	1	-	-	1	-	-	-	-	-	-
5	Waltham Abbey - - -	11017	5197	1	3	-	1	-	-	-	-	-	-	-	1	1
6	Cheshunt - - - -	8493	7518	3	1	-	1	-	-	-	-	-	-	-	-	-
134 : 1	Hatfield (*part of*) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	2	1	-	-	-	-	-	-	-	-	-	-	-
185 : 1	Stratford - - - -	882	23286	32	8	3	2	-	-	-	-	1	-	-	-	-
2	West Ham *WWWW* - -	7345	44642	53	33	9	3	1	2	1	-	1	2	-	-	1
3	Leyton *WW* - - -	4274	15513	16	16	3	9	-	-	-	-	-	-	-	-	-
4	Walthamstow *H* - -	6619	15701	13	14	2	1	-	-	1	-	2	-	-	-	-
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	6	1	-	1	-	-	-	-	-	-	-	-	-
188 : 1	Romford (*part of*) * - -	6730	2879	3	1	1	-	-	-	-	-	-	-	-	-	-
2	Ilford - - - - -	8492	5947	2	1	-	1	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	5	3	1	-	1	1	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow
29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Godst
sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except
two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 90
134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoydon-D
(pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 20th April, 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	
REATER LONDON	446,494	4,450,015	24·1	4·2	2051	438	423	86	40	43	11	131	31	20	81	398
INNER LONDON -	78,080	3,577,304	25·9	4·7	1773	379	354	80	31	37	8	123	26	18	75	360
OUTER RING -	368,414	872,711	16·6	2·3	278	59	69	6	9	6	3	8	5	2	6	38

NOTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal 697·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than miles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,759,796 Persons.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	March	16	-	353	42·8	Small-pox 46; cholera 66.
BOMBAY - -	644,405	„	19	-	513	41·4	Measles 24; cholera 49.
MADRAS - -	397,552	„	1	267	433	56·6	Small-pox 18; fevers 105.
PARIS - -	1,988,806	April	18	-	1040	27·2	Measles 25; typhoid fever 12.
GENEVA - -	68,792	„	13	29	35	26·5	—
BRUSSELS - -	175,782	„	13	113	109	32·4	—
AMSTERDAM -	302,266	„	6	213	147	25·2	Whooping-cough 7.
ROTTERDAM -	142,585	„	6	107	75	27·3	—
THE HAGUE -	107,896	„	6	98	50	24·0	—
COPENHAGEN -	220,000	„	9	116	99	23·5	—
STOCKHOLM -	146,845	„	6	-	93	32·9	Scarlet fever 2.
CHRISTIANIA -	105,000	„	13	90	51	24·7	—
ST. PETERSBURGH	669,741	„	6	-	772	59·9	Typhus and typhoid fev. 176; small-pox 16.
BERLIN - -	1,019,620	March	30	754	574	29·2	Scarlet fever 18; diphtheria 22.
HAMBURG (State)	406,104	April	6	314	229	29·4	Whooping-cough 6.
DRESDEN - -	207,845	„	6	162	119	29·8	Scarlet fever 2.
BRESLAU - -	267,000	„	13	193	191	37·2	Fevers 3.
MUNICH - -	222,000	„	13	179	174	41·0	Fevers 8.
VIENNA - -	727,271	„	13	547	515	36·8	Small-pox 15; diphtheria 15.
BUDA-PESTH -	319,530	„	6	264	306	49·8	Scarlet fever 10; small-pox 4.
ROME - -	282,214	March	30	134	214	39·6	Diphtheria and croup 6.
NAPLES - -	457,407	„	18	-	345	39·4	Typhus and typhd. fev. 7.
		„	25	-	401	45·7	Typhus and typhd. fev. 7.
TURIN - -	227,843	April	6	129	243	55·6	Typhus and typhoid fever 12.
VENICE - -	139,796	„	6	71	105	39·2	Typhoid fever 2.
ALEXANDRIA -	212,034	„	4	170	140	34·4	Whooping-cough 4.
NEW YORK -	1,083,371	March	23	-	567	27·2	Scarlet fever 24; diphtheria 32.
BROOKLYN -	549,438	„	23	-	188	17·8	Scarlet fever 6; diphtheria 10.
PHILADELPHIA -	876,118	„	30	-	313	18·6	Typhoid fever 5; scarlet fever 14.
BOSTON - -	363,000	„	23	-	138	19·7	Diphtheria 9; typhoid fever 5.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 20th APRIL, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.	Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Between Dew Point Temperature and Air Temperature. Greatest.	Between Dew Point Temperature and Air Temperature. Least.	Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure on square foot. Greatest.	Osler's. Pressure on square foot. Least.	Osler's. Pressure on square foot. Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
APRIL.		in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN. . 14	..	29·820	63·9	47·4	16·5	54·7	47·3	99·5	41·3	48·8	46·3	7·4	15·5	3·1	+ 8·4	76	S. & SW.	SW.	1·4	0·0	0·1	225	— 50	0·00	12·5
MON. . 15	In Equator Perigee.	29·849	63·1	44·4	18·7	52·8	46·4	117·0	37·4	49·8	47·3	6·4	13·1	1·3	+ 6·3	79	SW.	SW.	0·8	0·0	0·1	211	— 66	0·00	4·2
TUES. . 16	..	29·633	54·8	44·8	10·0	50·0	48·1	74·4	38·2	51·3	48·3	1·9	4·2	0·9	+ 3·4	93	SSW. & Calm.	Calm & SW.	0·3	0·0	0·0	106	—174	0·12	1·7
WED. . 17	Full	29·557	60·2	45·7	14·5	51·1	44·7	115·8	44·1	51·3	48·8	6·4	12·0	0·2	+ 4·3	79	WSW.	SW. & WSW.	2·0	0·0	0·1	236	— 50	0·16	5·3
THURS. 18	..	29·600	64·3	41·7	22·6	50·3	44·4	117·5	34·9	52·8	49·3	5·9	17·5	0·0	+ 3·3	80	WSW.	SW. & S.	0·4	0·0	0·0	161	—133	0·00	6·0
FRI. . 19	..	29·508	64·3	41·5	22·8	51·4	48·6	114·0	35·0	52·3	49·8	2·8	13·0	0·0	+ 4·2	91	SE. & SW.	SW. & SSE.	2·3	0·0	0·2	228	— 75	0·02	14·7
SAT. . 20	..	29·330	56·3	45·5	10·8	50·0	49·4	75·0	39·0	53·3	50·3	0·6	3·0	0·0	+ 2·6	98	S. & SSE.	W. SSW. & W.	1·0	0·0	0·1	220	— 94	0·43	5·3
MEANS .	..	29·614	61·0	44·4	16·6	51·5	47·0	101·9	38·6	51·4	48·6	4·5	11·2	0·8	+ 4·6	85	SW.		..	..	..	Sum 1387	Sum —642	Sum 0·73	7·1
No. of Col.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. April.	Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY . 14	The electrical apparatus was not in action throughout the week.	0·9	13·7	Fine; generally cloudy.
MONDAY . 15		3·7	13·8	Overcast in morning; fine and partially cloudy in afternoon and evening. Solar halo seen at 5h. P.M. and lunar halo at night.
TUESDAY . 16		0·0	13·9	Overcast. Frequent rain. Very gloomy in afternoon.
WEDNESDAY 17		3·3	13·9	Cloudy. Frequent showers. Lightning and thunder in afternoon.
THURSDAY . 18		4·9	14·0	Cloudy and foggy in morning; fine and partially cloudy during remainder of day.
FRIDAY . 19		4·0	14·1	Overcast with rain in morning; fine and partially cloudy during the day; showery at night.
SATURDAY . 20		1·1	14·1	Overcast with continuous rain from early morning until afternoon; fine afterwards.
..	..	Sum 17·9	Sum 97·5	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and — "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29·86 in. at the beginning of the week to 29·82 in. by noon on the 14th; increased to 29·88 in. by 9h. A.M. on the 15th; decreased to 29·31 in. by 3h. P.M. on the 20th;

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

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General Register Office, Somerset House,
29th April, 1878.

United Kingdom.

During last week 6391 *births* and 3956 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality from all causes was at the average rate of 25 deaths annually in every 1000 persons living. The annual death-rate was 23 per 1000 in Edinburgh, 25 in Glasgow, and 34 in Dublin. The deaths from small-pox in Dublin were 21, against 15 and 9 in the two preceding weeks.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Portsmouth 17, Leicester 18, Nottingham 18, Brighton 20, Newcastle-upon-Tyne 20, Norwich 20, Salford 21, Bristol 21, Hull 22, Sheffield 22, Bradford 23, Leeds 24, London 24, Wolverhampton 25, Sunderland 26, Birmingham 26, Manchester 28, Liverpool 29, Oldham 31, and again the highest rate 33 in Plymouth. The annual death-rate from the seven principal zymotic diseases averaged 4·1 per 1000 in the twenty towns, and ranged from 0·6 and 0·7 in Norwich and Hull, to 7·9 and 12·8 in Sunderland and Plymouth. Measles and scarlet fever are fatally prevalent in Oldham, scarlet fever and whooping-cough in Sunderland, and measles and whooping-cough in Plymouth. Small-pox caused 63 deaths in London, and one in Norwich.

London.

In London 2640 births and 1661 deaths were registered. Allowing for increase of population, the births exceeded by 109, and the deaths by 156, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two preceding weeks had been equal to 27·6 and 25·9 per 1000, further declined last week to 24·2.

The 1661 deaths included 63 from small-pox, 38 from measles, 22 from scarlet fever, 11 from diphtheria, 136 from whooping-cough, 24 from different forms of fever, and 11 from diarrhœa; thus to the seven principal diseases of the zymotic class 305 deaths were referred, against 346 and 323 in the two preceding weeks. These 305 deaths were 68 above the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 4·4 per 1000. The fatal cases of whooping-cough, which had been 157 and 123 in the two previous weeks, were 136 last week, and included 48 in the South and 34 in the East groups of districts; 10 occurred in Pancras, 7 in Islington, 10 in Shoreditch, 11 in Bethnal Green, 16 in Southwark, and 12 in Lambeth. The 38 deaths from measles included 13 in South London, of which 6 were registered in the district of Wandsworth. The fatal cases of scarlet fever were fewer than in any recent week. Of the 11 deaths from diphtheria, 2 occurred in the Children's Hospital in Great Ormond Street, and 2 in Lambeth. The deaths referred to fever, which had been 32 and 26 in the two preceding weeks, further declined to 24 last week, and were 9 below the corrected weekly average; 3 were fatal cases of typhus, 15 of enteric or typhoid fever, and 6 of simple continued fever. The 3 fatal cases of typhus occurred at:—6, Milton Road, Bow (certified as spinal fever); at St. Thomas's Hospital; and at the Stockwell Fever Hospital. Two deaths from enteric fever were registered in Marylebone, 2 in Islington, and 2 in the City.

The deaths from small-pox, which had increased from 48 to 80 in the four previous weeks, declined again to 63 last week; 40 were recorded in the Metropolitan Asylum Hospitals, 3 in the Highgate Small-pox Hospital, one in Westminster Hospital, one in Bethnal Green Workhouse, one in a barge off Millbank, and 17 in private dwelling-houses. Seven of the deceased small-pox patients had resided in Islington, 6 in Bethnal Green, 5 in Pancras, and 4 in Camberwell. Of the 63 fatal cases, 24 were certified as unvaccinated and 20 as vaccinated; in the remaining 19 cases the medical certificates did not give any information as to vaccination. Of

the 18 fatal cases occurring in private practice, no less than 10 were "not stated" as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which had been 785 and 854 at the end of the two previous weeks, were 824 on Saturday last; the number of new cases admitted during the week was 191, against 260 and 228 in the two preceding weeks. The Highgate Small-pox Hospital contained 64 patients on Saturday last, against 67 at the end of the previous week; 16 new cases were admitted during the week.

With reference to the recent death certified from "purpura hæmorrhagic, 2 days," in the Stamford Street Peabody Buildings, noted in the last Weekly Return, the Medical Officer of Health for Lambeth, suspecting small-pox, ordered disinfection of the room, bedding, &c.; he has since informed the Registrar-General that the brother of the deceased woman is now suffering from confluent small-pox in the same room.

An annuitant died from apoplexy at St. Vincent House, Hammersmith, on 25th instant, whose age was stated to be 100 years.

The deaths referred to diseases of the respiratory organs, which had been 497 and 398 in the two preceding weeks, further declined to 345 last week, but exceeded the corrected weekly average by 41; 207 resulted from bronchitis, and 98 from pneumonia.

Different forms of violence caused 64 deaths; 58 were the result of negligence or accident, including 23 from fractures and contusions, 4 from burns and scalds, 7 from drowning, and 18 of infants under one year of age from suffocation. Of the 12 deaths registered in Whitecross Street sub-district of St. Luke's, no less than 4 were of infants under one year of age suffocated in bed. The 23 deaths from fractures and contusions were thus caused:—female aged 30 years, thrown from a phaeton; male 49, run over by a cart; female 40, knocked down by a cab; female 59, and male 52, fell down stairs; female 23, fell into an area; female 25, fell from a window; male 48, fell from the roof of a house; male 67, fell into ship's hold; female 45, fell from a chair; male 11 months, fell from a bed; male 30, fell on board ship; female 68, fell in the street (intoxicated); male 45, fell on abutment of London Bridge; male 29, injured by fall on a barrow; male 14, fell with sack of coals; female 8, injured by a fall; male 59, injured by iron falling upon him; male 36, by fracture of skull; males 59 and 17, by fracture of legs; female 82, erysipelas through contusion of leg; male 75, fracture of thigh. An inquest was held in each of these 23 cases, except the last two, which were certified by registered medical practitioners.

Greater London.

In Greater London 3231 births and 1944 deaths were registered, equal to annual rates of 37·9 and 22·8 per 1000 of the population. In the Outer Ring 6 fatal cases of small-pox were registered, including 2 in Bromley (Kent) Workhouse, one in Wimbledon, one in Bexley, one in Edmonton, and one in West Ham.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 47, Bombay 46, Madras 55; Paris 26; Geneva 27; Amsterdam 25, Rotterdam 34, The Hague 27; Copenhagen 19; Stockholm 28; Christiania 20; St. Petersburgh 65; Berlin 29, Hamburg 29, Dresden 23, Breslau 34, Munich 34; Vienna 37, Buda-Pesth 41; Rome 36, Naples 47, Turin 51, Venice 32; Alexandria 38; New York 25, Brooklyn 21, Philadelphia 18, and Boston 19. The 840 deaths in St. Petersburgh, included 148 from typhus and typhoid fever.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·66 in., the lowest reading was 29·35 in. at the beginning of the week, and the highest 30·05 in. at the end of the week. The mean temperature of the *air* was 51°·2, and 3°·1 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was above the average on each day of the week; the warmest day was Wednesday, when the mean was 53°·0, and in excess by 4°·8. The lowest night temperature was 39°·1 on Saturday, and the highest day temperature in the shade 65°·5 on Saturday; the extreme range in the week was, therefore, 26°·4. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 125°·8 on Saturday. The difference between the mean *dew-point* and *air* temperature averaged 6°·2. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police ship, was 53°·5. The mean degree of *humidity* of the air was 80, complete saturation being represented by 100; the air was therefore of the average dryness. The general direction of the *wind* was North-east, and the horizontal movement of the air averaged 12·3 miles per hour, which was 0·6 above the average in the corresponding week of 16 years. *Rain* fell on two days of the week, to the aggregate amount of 0·20 of an inch. The duration of registered sunshine in the week was 40·6 hours, the sun being above the horizon during 100·5 hours; the recorded duration of sunshine was, therefore, equal to 40 per cent. of its possible duration.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 27th April, 1878.

CITIES AND BOROUGHS. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 27th April, 1878.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
In 23 TOWNS in the UNITED KINGDOM	220,845	8,373,953	37·9	6391	3956	65·5	32·1	48·2	9·00	0·37	0·94
LONDON - - -	75,362	3,577,304	47·5	2640	1661	65·5	39·1	51·2	10·67	0·20	0·51
BRIGHTON - -	2,354	103,923	44·1	46	39	61·0	38·8	49·2	9·55	0·18	0·46
PORTSMOUTH - -	4,486	129,461	28·9	85	43	61·5	41·0	50·4	10·22	0·17	0·43
NORWICH - - -	7,472	84,620	11·3	39	33	62·5	41·8	49·5	9·72	0·12	0·30
PLYMOUTH - -	1,395	73,599	52·8	50	47	63·5	40·0	48·5	9·17	0·79	2·01
BRISTOL - - -	4,452	206,419	46·4	145	84	63·7	35·7	49·1	9·50	0·18	0·46
WOLVERHAMPTON -	3,396	74,240	21·9	58	35	60·8	35·2	47·6	8·67	0·36	0·91
BIRMINGHAM - -	8,400	383,117	45·6	353	192	–	–	–	–	–	–
LEICESTER - -	3,200	121,473	38·0	93	41	64·0	39·5	49·5	9·75	0·25	0·63
NOTTINGHAM - -	9,960	165,267	16·6	119	58	59·4	38·6	48·2	9·00	0·85	2·16
LIVERPOOL - -	5,210	532,681	102·2	411	300	61·4	38·1	48·8	9·34	0·07	0·18
MANCHESTER - -	4,293	360,514	84·0	305	191	–	–	–	–	–	–
SALFORD - - -	5,170	170,251	32·9	151	69	65·5	32·1	47·6	8·67	0·01	0·03
OLDHAM - - -	4,666	107,366	23·0	71	63	–	–	–	–	–	–
BRADFORD - -	7,220	185,088	25·6	138	83	60·0	38·0	46·5	8·06	0·88	2·24
LEEDS - - -	21,572	304,948	14·1	282	141	59·0	38·0	47·3	8·50	1·33	3·38
SHEFFIELD - -	19,651	289,537	14 7	237	124	61·5	39·0	47·0	8·33	0·11	0·28
HULL - - -	3,635	143,139	39·4	128	59	60·0	37·0	46·6	8·12	0·03	0·08
SUNDERLAND - -	3,306	112,459	34·0	103	55	56·0	40·0	46·4	8·00	0·71	1·80
NEWCASTLE-ON-TYNE	5,371	144,570	26·9	129	56	–	–	–	–	–	–
EDINBURGH - -	4,191	222,371	53·1	128	99	62·5	39·0	46·5	8·06	0·02	0·05
GLASGOW - - -	6,033	566,940	94·0	484	277	59·2	36·2	47·9	8·83	0·59	1·50
DUBLIN - - -	10,050	314,666	31·3	196	206	60·2	32·7	47·9	8·83	0·15	0·38

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.

† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday, the 27th April, 1878.

BOROUGHS, &c. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
				Deaths of		Deaths from									
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
In 20 TOWNS -	24·2	4·1	3374	801	574	64	105	86	17	203	60	35	132	219	534
LONDON - - -	24·2	4·4	1661	394	281	63	38	22	11	136	24	11	64	100	334
BRIGHTON - -	19·6	1·0	39	7	7	–	1	–	–	1	–	–	2	2	6
PORTSMOUTH - -	17·3	4·8	43	15	6	–	3	1	–	6	2	–	2	4	3
NORWICH - - -	20·3	0·6	33	7	10	1	–	–	–	–	–	–	1	2	4
PLYMOUTH - -	33·3	12·8	47	9	2	–	6	2	–	10	–	–	1	3	2
BRISTOL - - -	21·2	2·0	84	22	26	–	4	–	–	1	1	2	1	3	14
WOLVERHAMPTON -	24·6	2·1	35	12	7	–	–	–	–	3	–	–	1	2	3
BIRMINGHAM - -	26·1	4·1	192	53	31	–	–	15	1	6	6	2	10	21	37
LEICESTER - -	17·6	2·1	41	13	7	–	2	–	–	1	–	2	2	4	3
NOTTINGHAM - -	18·3	4·4	58	12	11	–	2	4	–	5	1	2	3	4	4
LIVERPOOL - -	29·4	5·8	300	62	46	–	28	5	3	7	9	7	13	13	37
MANCHESTER - -	27·6	2·8	191	44	30	–	3	3	–	4	4	5	13	25	27
SALFORD - - -	21·1	1·2	69	22	7	–	–	1	–	3	–	–	2	4	2
OLDHAM - - -	30·6	6·8	63	18	6	–	6	5	–	1	2	–	–	1	2
BRADFORD - -	23·4	2·8	83	20	12	–	4	1	–	4	1	–	2	4	5
LEEDS - - -	24·1	2·1	141	34	33	–	4	3	–	1	3	1	3	10	19
SHEFFIELD - -	22·3	5·2	124	32	16	–	2	18	1	4	4	–	2	2	11
HULL - - -	21·5	0·7	59	9	16	–	–	–	–	–	1	1	3	3	8
SUNDERLAND - -	25·5	7·9	55	11	8	–	1	4	–	9	1	2	4	5	6
NEWCASTLE-ON-TYNE	20·2	2·2	56	5	12	–	1	2	1	1	1	–	3	7	7
DUBLIN - - -	34·2	8·0	206	26	46	21	1	3	–	12	10	1	1	4	73

Table 3. LONDON.—**Births** and **Deaths** Registered last Week, and in the Seventeenth Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
Total **Births**	2307	2165	2268	2250	2316	2359	2459	2449	2546	2535	2365·4	2640
Males . .	1200	1092	1173	1161	1167	1195	1272	1207	1328	1346	1214·1	1320
Females .	1107	1073	1095	1089	1149	1164	1187	1242	1218	1189	1151·3	1320
Total **Deaths**	1378	1288	1394	1469	1415	1252	1256	1532	1524	1557	1406·5	1661
Males . .	714	682	712	745	702	652	653	780	810	803	725·3	877
Females .	664	606	682	724	713	600	603	752	714	754	681·2	784

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77, after raising the average by 7 per cent. for increase of population.

Table 4. LONDON.—Deaths and Meteorology in the Last Thirteen Weeks.

	Feb. 2.	Feb. 9.	Feb. 16.	Feb. 23.	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.
Total **Deaths** - : -	1703	1813	1927	1756	1637	1580	1526	1676	1766	1877	1895	1773	1661
0—20 - -	788	855	896	839	823	807	767	854	899	900	954	899	876
20—40 - -	248	245	246	212	202	216	196	198	214	230	234	241	218
40—60 - -	276	305	331	263	254	249	245	283	296	346	293	279	286
60—80 - -	320	326	376	358	297	260	257	276	295	323	343	295	232
at 80 years & upwds.	71	82	78	84	61	48	61	65	62	78	71	59	49
Deaths of children: Under 1 year -	318	393	412	397	381	370	352	386	390	381	415	379	394
Deaths of children: 1—5 - -	342	344	340	326	333	331	301	351	368	402	403	375	357
Deaths of children: 5—20 - -	128	118	144	116	109	106	114	117	141	117	136	145	125
Deaths from 7 principal Zymotic Diseases	266	306	295	257	288	259	243	277	339	319	346	323	305
" " Small-pox -	38	55	47	39	54	34	53	42	48	55	58	80	63
" " Measles - -	56	40	43	40	41	46	32	34	35	30	40	31	38
" " Scarlet fever -	43	37	32	34	35	35	28	22	47	42	36	37	22
" " Diphtheria -	9	10	5	9	8	7	6	13	12	8	9	8	11
" " Whooping-cough	89	114	124	100	112	102	84	124	158	146	157	123	136
" " Typhus fever -	5	3	2	5	5	6	9	2	3	4	4	3	3
" " Enteric (or Typhoid) fever -	12	21	24	16	18	17	16	25	23	20	23	14	15
" " Simple Contd fever	3	4	4	3	4	5	2	2	2	5	5	9	6
" " Diarrhœa - -	11	22	14	11	11	7	13	13	11	9	14	18	11
" " Simple Cholera -	1	–	–	–	–	–	–	1	–	–	1	–	–
" " Dis. of Respiratory Organs -	448	502	544	475	413	362	340	402	421	474	497	398	345
" " Phthisis - -	167	166	199	168	156	162	174	154	169	208	182	188	174
" " Heart Diseases -	111	95	112	108	94	75	86	89	118	111	106	88	71
Violent Deaths - - -	53	48	61	60	48	51	35	53	57	39	49	75	64
Inquest Cases - - -	95	96	127	115	106	96	72	98	118	102	99	124	100
Deaths in Public Institutions	324	332	387	353	290	293	294	333	334	358	333	360	334
Temperature of the Air:													
Mean - - - -	36°·2	35°·1	42°·6	46°·5	48°·7	46°·6	40°·5	43°·3	35°·5	40°·4	46°·0	51°·5	51°·2
Mean of Highest readings -	40·8	38·5	48·0	52·7	53·4	53·1	48·3	50·5	44·6	50·3	54·1	61·0	61·6
Mean of Lowest readings -	31·0	31·9	36·4	41·5	44·4	41·3	33·7	37·3	29·1	31·8	38·0	44·4	44·0
Mean Temperature of the Water of the Thames -	39·8	38·1	39·6	45·1	47·0	49·1	47·0	45·7	44·0	41·4	44·7	50·0	53·5
Humidity of the Air - -	87	92	91	83	81	72	74	75	76	78	75	85	80
Rain-fall in inches - -	0·42	0·05	0·80	0·03	0·34	0·00	0·09	0·00	0·71	0·38	2·85	0·73	0·20
Registered Sunshine (in hours)	11·8	3·8	8·2	15·8	4·2	19·4	19·1	9·9	18·2	34·6	45·4	17·9	40·6

Meteorological Observations. (*See* Table 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinten, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the SEVENTEENTH Week of the Year 1878.

CAUSES OF DEATH.	Average in the Seventeenth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, April 27, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature	49°·1	51°·2							
ALL CAUSES	1406·5	1661	394	357	125	218	286	232	49
SPECIFIED CAUSES	1401·6	1657	391	357	125	218	286	231	49
I. ZYMOTIC.									
ORDER 1.									
1. Small-pox	41·8	63	4	7	18	27	5	2	-
2. Measles	33·3	38	10	25	1	1	1	-	-
3. Scarlet Fever	29·4	22	2	11	9	-	-	-	-
4. Diphtheria	6·5	11	1	5	5	-	-	-	-
5. Quinsy	·6	1	-	-	-	-	-	1	-
6. Croup	11·4	8	1	7	-	-	-	-	-
7. Whooping-cough	66·8	136	48	82	6	-	-	-	-
8. Typhus	30·6	3	-	-	1	1	1	-	-
— Enteric or Typhoid Fev.		15	-	5	8	1	1	-	-
— Simple continued Fev.		6	1	2	1	-	1	1	-
9. Erysipelas	6·8	10	4	-	1	-	2	3	-
10. Puerperal Fev. (Metria)	3·4	4	-	-	-	4	-	-	-
11. Carbuncle	·9	-	-	-	-	-	-	-	-
12. Influenza	·6	-	-	-	-	-	-	-	-
13. Dysentery	1·8	1	-	-	-	-	1	-	-
14. Diarrhœa	12·8	11	5	5	-	-	-	1	-
15. Simple Cholera	—	-	-	-	-	-	-	-	-
16. Ague	·4	-	-	-	-	-	-	-	-
17. Remittent Fever	·3	-	-	-	-	-	-	-	-
18. Rheumatism	8·8	19	-	-	2	5	7	4	1
19. Other *Zymotic* Diseases	·4	1	-	1	-	-	-	-	-
ORDER 2.									
1. Syphilis	7·4	6	4	1	-	1	-	-	-
2. Stricture of Urethra	1·2	1	-	-	-	-	1	-	-
3. Hydrophobia	·1	-	-	-	-	-	-	-	-
4. Glanders	—	-	-	-	-	-	-	-	-
ORDER 3.									
1. Privation	·2	2	-	-	-	-	1	1	-
2. Want of Breast-milk	6·9	8	8	-	-	-	-	-	-
3. Purpura and Scurvy	2·8	3	-	2	-	-	-	1	-
4. Alcoholism { a Del. Tremens	1·8	1	-	-	-	-	1	-	-
4. Alcoholism { b Intemperance	·9	-	-	-	-	-	-	-	-
ORDER 4.									
1. Thrush	2·2	1	1	-	-	-	-	-	-
2. Worms, &c.	·3	-	-	-	-	-	-	-	-
II. CONSTITUTIONAL.									
ORDER 1.									
1. Gout	3·4	1	-	-	-	-	-	1	-
2. Dropsy	8·8	3	1	-	-	-	2	-	-
3. Cancer	32·5	48	-	-	-	9	27	12	-
4. Cancrum Oris (Noma)	·3	-	-	-	-	-	-	-	-
5. Mortification	3·0	4	-	1	-	-	-	2	1
ORDER 2.									
1. Scrofula	10·2	17	8	6	-	2	1	-	-
2. Tabes Mesenterica	22·5	34	17	14	3	-	-	-	-
3. Phthisis	170·0	174	4	8	19	82	55	6	-
4. Hydrocephalus	31·7	48	14	28	4	2	-	-	-
III. LOCAL.									
ORDER 1.									
1. Cephalitis	22·3	27	5	11	5	3	3	-	-
2. Apoplexy	39·2	46	2	3	-	1	17	20	3
3. Paralysis	31·8	27	-	1	1	1	5	13	6
4. Insanity	2·3	1	-	-	-	-	1	-	-
5. Chorea	·1	-	-	-	-	-	-	-	-
6. Epilepsy	6·9	6	1	-	1	2	1	1	-
7. Convulsions	50·9	63	46	15	2	-	-	-	-
8. *Brain Disease, &c.*	17·9	18	-	3	1	7	4	3	-
ORDER 2.									
1. Pericarditis	2·2	2	-	-	-	1	1	-	-
2. Aneurism	2·6	4	-	-	-	-	4	-	-
3. *Heart Disease, &c.*	70·4	65	-	-	4	9	25	26	1
ORDER 3.									
1. Laryngitis	10·1	13	7	4	-	-	1	1	-
2. Bronchitis	158·3	207	45	43	4	8	41	56	10
3. Pleurisy	5·0	4	-	-	1	1	1	1	-
4. Pneumonia	84·8	98	24	29	8	12	13	11	1
5. Asthma	7·8	5	-	-	-	-	2	3	-
6. *Lung Disease, &c.*	17·9	18	5	8	2	-	2	1	-
ORDER 4.									
1. Gastritis	2·1	-	-	-	-	-	-	-	-
2. Enteritis	5·6	8	2	-	1	1	4	-	-
3. Peritonitis	6·0	3	-	-	-	-	1	2	-
4. Ascites	3·0	2	-	-	-	-	1	1	-
5. Ulceration of Intestines	3·6	4	-	-	1	1	2	-	-
6. Hernia	3·4	4	-	-	-	-	2	2	-
7. Ileus	3·7	6	-	1	-	-	2	3	-
8. Intussusception	1·2	-	-	-	-	-	-	-	-
9. Stricture of Intestines	·5	1	-	-	-	-	1	-	-
10. Fistula	·4	-	-	-	-	-	-	-	-
11. *Stomach Disease, &c.*	6·0	5	1	-	-	1	2	-	1
12. *Pancreas Disease, &c.*	—	-	-	-	-	-	-	-	-
13. Hepatitis	3·0	1	-	-	-	1	-	-	-
14. Jaundice	3·7	4	2	-	1	-	-	1	-
15. *Liver Disease, &c.*	17·3	15	-	-	-	2	11	2	-
16. *Spleen Disease, &c.*	·1	-	-	-	-	-	-	-	-
ORDER 5.									
1. Nephritis	2·9	4	-	-	-	1	2	1	-
2. Ischuria	·2	-	-	-	-	-	-	-	-
3. Bright's Dis. (Nephria)	11·9	11	-	-	-	4	5	2	-
4. Diabetes	3·1	4	-	-	2	2	-	-	-
5. Calculus (Stone)	·8	2	-	-	-	1	-	1	-
6. Cystitis	1·2	1	-	-	-	1	-	-	-
7. *Kidney Disease, &c.*	10·7	7	-	-	-	2	4	1	-
ORDER 6.									
1. Ovarian Dropsy	·6	2	-	-	-	-	1	1	-
2. *Uterus Disease, &c.*	4·6	3	-	-	-	2	-	1	-
ORDER 7.									
1. Synovitis (Arthritis)	·3	1	-	-	-	-	-	1	-
2. *Joint Disease, &c.*	5·1	9	-	3	6	-	-	-	-
ORDER 8.									
1. Phlegmon	3·1	2	1	-	-	-	1	-	-
2. Ulcer	·9	2	-	-	-	-	1	1	-
3. *Skin Disease, &c.*	·8	3	1	-	-	1	-	1	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth	21·3	32	30	2	-	-	-	-	-
2. Cyanosis	2·2	2	2	-	-	-	-	-	-
3. Spina Bifida	·8	2	2	-	-	-	-	-	-
4. Other Malformations	1·3	1	1	-	-	-	-	-	-
5. Teething	13·8	27	12	15	-	-	-	-	-
ORDER 2.									
1. Paramenia	·1	-	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever)	6·1	4	-	-	-	4	-	-	-
ORDER 3.									
1. Old Age	50·8	48	-	-	-	-	-	25	23
ORDER 4.									
1. Atrophy and Debility	56·9	69	49	7	-	2	4	7	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	15·7	23	1	-	3	6	9	3	1
2. Wounds { Gunshot	1·0	-	-	-	-	-	-	-	-
2. Wounds { Cut, Stab		2	-	-	-	1		1	-
3. Burns and Scalds	4·5	4	1	2	-	-	-	-	1
4. Poison	1·3	1	-	-	-	-	1	-	-
5. Drowning	5·3	7	-	-	4	1	2	-	-
6. Suffocation	10·3	20	18	-	-	-	-	2	-
7. Otherwise	3·0	1	-	-	-	1	-	-	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	1·8	-	-	-	-	-	-	-	-
ORDER 4. (SUICIDE.)									
1. Wounds { Gunshot	·1	-	-	-	-	-	-	-	-
1. Wounds { Cut, Stab	2·0	2	-	-	-	1	1	-	-
2. Poison	·6	1	-	-	-	1	-	-	-
3. Drowning	1·0	1	-	-	-	1	-	-	-
4. Hanging	1·7	2	-	-	-	-	1	1	-
5. Otherwise	·9	-	-	-	-	-	-	-	-
ORDER 5. (EXECUTION.)									
1. Hanging	—	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained)	·8	1	-	-	-	-	-	1	-
Causes not specified or ill-defined	4·1	3	3	-	-	-	-	-	-

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCA
during the Week en

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,254,260	2640	1661	394	281	63	38	22	11	136	3	15	6	11	64	100
WEST DISTRICTS	561,359	318	284	58	54	10	6	2	1	18	-	3	2	4	10	18
NORTH DISTRICTS	751,729	627	369	86	63	31	7	8	3	24	-	4	-	2	7	20
CENTRAL DISTRICTS	334,369	210	143	30	19	1	5	-	2	12	-	3	-	2	10	15
EAST DISTRICTS	639,111	552	354	101	62	5	7	1	1	34	1	2	-	-	18	21
SOUTH DISTRICTS	967,692	933	511	119	83	16	13	11	4	48	2	3	4	3	19	26
WEST DISTRICTS.																
St. Mary Paddington *WH*	58728	49	26	8	8	-	3	-	-	1	-	-	-	1	1	2
St. John Paddington *H*	38085	16	17	2	2	-	-	-	-	1	-	-	-	-	2	3
Kensington Town *W*	91645	61	41	7	10	-	-	2	-	4	-	-	-	2	1	2
Brompton *H*	28654	15	15	1	2	2	-	-	-	-	-	1	-	-	-	-
St. Peter Hammersmith	6662	5	4	2	1	-	-	-	-	-	-	-	-	-	2	1
St. Paul Hammersmith *H*	36029	25	22	8	3	-	-	-	-	1	-	-	-	-	1	4
Fulham *WwH*	23350	21	30	10	1	6	2	-	-	2	-	-	-	-	1	2
Chelsea South *HHH*	26420	17	13	3	4	-	-	-	-	1	-	-	-	1	-	1
Chelsea North-west *WHHHH*	22926	12	18	4	5	-	-	-	-	1	-	-	-	-	-	-
Chelsea North-east	21392	7	5	1	1	-	-	-	-	1	-	-	-	-	-	-
Hanover Square *H*	18698	6	8	-	3	-	-	-	-	-	-	-	-	-	-	-
May Fair *WW*	13358	4	14	-	3	-	-	-	-	-	-	-	-	-	-	-
Belgrave *HH*	57972	28	22	2	6	-	-	-	-	1	-	-	-	-	1	-
St. John Westminster *HH*	38478	20	16	3	1	1	-	-	-	3	-	1	-	-	-	-
St. Margaret Westminster *WH*	27781	9	9	1	1	1	-	-	-	1	-	1	-	-	1	2
Golden Square *WH*	12860	7	7	-	2	-	1	-	-	-	-	-	1	-	-	-
Berwick-street *H*	20759	10	7	1	1	-	-	-	1	-	-	-	1	-	-	1
St. Anne Soho *HHHHH*	17562	6	10	5	-	-	-	-	-	1	-	-	-	-	-	-
NORTH DISTRICTS.																
All Souls Marylebone *HHHH*	28579	18	21	4	4	-	1	-	1	-	-	1	-	-	1	1
Cavendish Square *HH*	15425	6	4	-	1	-	-	-	-	1	-	-	-	-	-	-
Rectory Marylebone *WH*	26384	16	13	1	3	1	-	-	1	-	-	1	-	-	-	-
St. Mary Marylebone *HHH*	21786	25	6	3	-	-	-	-	-	-	-	-	-	-	-	1
Christchurch Marylebone *H*	33944	17	10	2	1	-	1	-	-	1	-	-	-	-	-	-
St. John Marylebone *H*	33136	23	11	2	3	-	1	-	-	-	-	-	-	-	-	1
Hampstead *WwHH*	32281	25	28	4	-	17	-	-	-	-	-	-	-	-	-	-
Regent's Park Pancras	38200	28	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Tottenham-court *wHHH*	29370	16	17	6	2	-	-	-	-	3	-	-	-	-	1	2
Gray's Inn Lane *HHH*	29221	27	10	1	2	-	-	1	-	1	-	-	-	-	-	1
Somers Town	38533	40	24	11	4	-	3	1	-	2	-	-	-	-	-	1
Camden Town *WH*	17943	20	12	4	4	-	-	-	-	-	-	-	-	-	-	1
Kentish Town *w*	68198	52	36	9	5	1	-	-	-	4	-	-	-	-	1	4
Islington West *HHH*	97820	80	42	12	7	3	-	1	-	3	-	1	-	-	1	1
Islington East *WwwH*	115958	124	66	12	15	2	1	2	1	4	-	1	-	1	-	2
Stoke Newington *H*	9841	15	10	4	3	-	-	-	-	-	-	-	-	1	-	-
Stamford Hill	6598	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-
West Hackney	28069	29	15	2	2	1	-	-	-	1	-	-	-	-	-	1
Hackney *WwwHL*	50104	35	29	4	4	5	-	2	-	3	-	-	-	-	3	4
South Hackney	30339	27	12	4	2	1	-	1	-	1	-	-	-	-	-	-
CENTRAL DISTRICTS.																
St. George Bloomsbury	17853	11	4	-	-	-	1	-	-	-	-	-	-	-	-	-
St. Giles South *WH*	19109	12	9	2	4	-	-	-	-	1	-	-	-	-	-	1
St. Giles North	16594	4	2	-	-	-	1	-	-	-	-	-	-	-	-	-
Long Acre	11379	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Charing Cross *HH*	9859	6	2	1	1	-	-	-	-	-	-	-	-	-	-	-
St. Mary-le-Strand	9378	4	4	1	-	-	-	-	-	-	-	-	-	-	1	1
St. Clement Danes *H*	10723	8	4	1	-	-	-	-	-	-	-	-	-	-	-	-
St. George-the-Martyr *HHHHH*	20521	14	14	-	2	-	1	-	2	-	-	-	-	-	-	1
St. Andrew Eastern *W*	13529	13	11	2	1	-	-	-	-	1	-	-	-	-	1	2
Saffron Hill *H*	9066	5	4	1	-	-	-	-	-	2	-	-	-	-	-	-
St. James Clerkenwell *W*	18917	22	11	1	1	-	1	-	-	1	-	-	-	-	-	-
Amwell Clerkenwell	16884	11	4	-	1	-	-	-	-	-	-	-	-	-	-	1
Pentonville	13337	12	6	2	1	-	-	-	-	-	-	-	-	1	-	-
Goswell-street	16242	13	7	2	2	-	1	-	-	1	-	1	-	-	-	-
Old-street *H*	12161	7	5	1	1	-	-	-	-	-	-	-	-	-	-	-
City-road *HHL*	18301	14	14	4	1	-	-	-	-	4	-	-	-	1	1	1
Whitecross-street	13792	9	12	9	-	-	-	-	-	-	-	-	-	-	5	7
Finsbury	10741	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph East London *H*	14540	5	5	2	1	1	-	-	-	1	-	-	-	-	-	-
Cripplegate	13638	7	2	1	-	-	-	-	-	-	-	-	-	-	1	1
St. Sepulchre *H*	7562	3	11	-	-	-	-	-	-	-	-	1	-	-	-	-
St. Bride *W*	11185	6	5	-	2	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard	4426	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch	6270	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-
Queenhithe	4753	2	1	-	-	-	-	-	-	-	-	-	-	-	1	-
Allhallows Barking	5764	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Broad-street *H*	7845	3	1	-	-	-	-	-	-	1	-	-	-	-	-	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: *W*—Workho
H—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see
at the foot of next page.

EVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
aturday, 27th April 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
olywell Shoreditch	12430	4	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-
t. Leonard Shoreditch *HL*†	16545	15	8	3	-	-	-	-	-	2	-	-	-	-	-	1	-
oxton New Town *w*	27835	34	17	3	9	-	-	-	-	2	-	-	-	-	1	1	6
oxton Old Town	26933	18	18	6	2	-	2	-	-	2	-	-	-	-	1	1	-
aggerston *WH*	43421	37	22	8	3	1	-	-	-	4	-	-	-	-	1	1	4
ackney-road *H*	29822	18	14	9	-	-	-	-	-	5	-	-	-	-	1	1	1
reen, Bethnal Green *WHL*†	42433	44	31	4	10	1	-	1	-	1	-	-	-	-	2	2	10
hurch, Bethnal Green	26577	17	14	3	1	-	-	-	-	2	-	-	-	-	-	-	-
own, Bethnal Green	21272	14	6	2	-	-	-	-	-	3	-	-	-	-	1	1	-
pitalfields *H*	22499	22	8	2	3	-	-	-	-	1	-	-	-	-	-	-	-
ile End New Town *W*	15550	21	17	3	4	-	-	-	-	-	-	-	-	-	-	-	10
hitechapel North	11597	20	5	3	2	-	-	-	-	1	-	-	-	-	-	-	-
hitechapel Church *H*	7322	8	20	1	2	-	-	-	-	1	-	-	-	-	4	5	18
oodman's Fields	10381	5	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
idgate	9224	5	3	1	-	-	1	-	-	-	-	-	-	-	-	-	-
t. Mary St. George East	17900	9	7	2	2	-	-	-	-	2	-	-	-	-	-	-	-
t. Paul St. George East	21350	21	6	2	-	-	1	-	-	-	-	-	-	-	1	1	-
t. John St. George East *W*	8802	3	12	-	8	-	-	-	-	-	-	-	-	-	1	1	10
hadwell *H*	11610	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
atcliff	16131	12	7	2	-	-	-	-	-	1	-	-	-	-	-	-	-
imehouse	29919	31	13	5	1	1	-	-	-	1	-	-	-	-	2	2	-
ile End Old Town Western	38128	19	18	8	1	1	-	-	-	1	-	-	-	-	-	-	-
ile End Old Town Eastern *WwwH*	55024	53	23	8	4	-	-	-	-	4	-	1	-	-	-	1	2
ow *wwwH*	67765	78	51	13	8	-	1	-	1	1	1	1	-	-	3	3	15
oplar *WW*	48611	37	28	8	2	1	2	-	-	-	-	-	-	-	-	-	-
SOUTH DISTRICTS.																	
hristchurch Southwark *WH*	14573	14	6	3	-	-	-	-	-	1	-	-	-	-	-	-	-
t. Saviour Southwark *H*	15677	10	4	2	-	-	-	-	1	1	-	-	-	-	-	-	-
ent-road	20421	17	5	1	1	-	-	-	-	2	-	-	-	-	1	1	-
orough-road *WH*	16695	16	9	4	-	1	-	-	-	2	-	-	-	-	1	3	1
ondon-road *HL*	18961	24	8	2	1	-	-	1	-	2	-	-	1	-	-	-	-
rinity Newington	23682	25	13	5	1	-	-	-	-	3	-	-	-	-	-	-	-
t. Peter Walworth *W*	48248	57	28	4	5	-	-	-	-	2	-	-	-	-	1	2	12
t. Mary Newington	16792	12	9	2	1	-	-	-	-	3	-	-	-	-	-	-	-
t. Olave Southwark *H*	4373	1	17	-	3	-	-	-	-	-	-	-	-	-	4	4	14
t. John Horsleydown *W*	10500	8	3	1	1	-	-	-	-	1	-	-	-	-	-	-	-
eather Market	16787	14	7	2	1	-	-	-	-	1	-	-	-	-	-	-	-
t. Mary Magdalen *W*	15709	13	12	1	4	-	-	-	-	2	-	-	-	-	-	-	6
t. James Bermondsey	47933	50	16	8	1	-	-	-	-	1	-	-	-	1	1	1	-
otherhithe *W*	27096	23	13	3	1	-	-	-	-	3	-	-	-	-	1	1	1
aterloo-road 1st *H*	14074	16	15	5	2	-	-	-	-	2	-	-	-	-	-	-	2
aterloo-road 2nd *H*	18465	20	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-
ambeth Church 1st *H*	19492	13	12	2	1	-	-	-	-	1	1	-	-	-	1	1	7
ambeth Church 2nd *WW*	35833	37	28	4	12	-	-	-	2	4	-	-	-	-	-	1	12
ennington 1st	41286	23	15	4	1	-	-	-	-	3	-	-	-	-	-	-	-
ennington 2nd	31221	25	11	3	2	-	-	1	-	-	-	-	-	-	-	-	-
rixton *w*	35435	44	35	7	5	10	1	3	-	-	1	2	-	1	-	-	14
orwood *W*	12536	19	5	-	-	-	-	-	-	2	-	-	-	-	-	-	-
lapham *H*	27347	19	8	-	3	-	-	-	-	-	-	-	-	-	-	-	-
attersea *Ww*	54016	66	43	9	7	1	2	1	-	3	-	-	-	-	2	2	2
andsworth *HL*	19783	15	10	4	2	-	1	-	-	1	-	-	-	-	-	-	-
utney	9439	7	6	3	1	-	1	-	-	-	-	-	-	-	-	-	-
reatham	14475	12	6	-	2	-	2	1	-	-	-	-	-	-	-	-	-
ulwich	4041	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
amberwell *WL*†*L*†	31254	31	11	2	4	-	-	-	-	-	-	-	-	-	1	1	4
eckham *W*	42160	51	19	6	3	-	-	2	-	2	-	-	2	-	-	-	-
t. George Camberwell	33851	46	18	6	2	-	2	1	-	2	-	-	-	-	-	-	-
t. Paul Deptford *w*	53714	70	26	7	2	3	-	-	-	-	-	1	-	-	1	2	3
t. Nicholas Deptford	6474	8	2	1	-	-	-	-	-	1	-	-	-	-	-	-	-
reenwich West	21034	15	12	1	1	-	-	-	-	1	-	-	-	-	-	1	-
reenwich East *WH*	19378	13	19	4	3	-	-	-	-	2	-	-	1	-	2	2	10
ltham *H*	4539	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ee	16440	11	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
ewisham Village *WH*	11513	11	7	1	1	1	-	-	-	-	-	-	-	-	-	-	-
denham *H*	19065	15	3	2	-	-	-	1	-	-	-	-	-	-	-	-	-
arlton *H*	9564	9	11	2	2	-	-	-	1	-	-	-	-	1	-	-	5
oolwich Dockyard	17226	11	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-
oolwich Arsenal *WHH*	18331	11	15	2	3	-	3	-	-	-	-	-	-	-	2	3	-
umstead West	13027	14	5	1	1	-	-	-	-	-	-	-	-	-	1	1	-
umstead East *W*	15232	13	7	2	1	-	1	-	-	-	-	-	-	-	-	-	2

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the ove Table by *w*:—

Central London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary " " "
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 27th April 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
	LONDON—OUTER RING	368,414	631,381	591	283	60	70	6	4	7	3	14	2	4	5	9
29 : 1	Carshalton *wL* - - -	12228	13523	17	13	-	1	-	-	-	-	1	-	-	-	-
2	Epsom (*part of*) * *WH* -	9971	9145	4	2	1	-	-	-	-	-	-	-	-	-	-
36 : 1	Godstone (*part of*) * - -	2754	900	1	-	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	64	27	4	11	-	-	-	-	-	-	-	1	1
2	Mitcham *WH* - - -	11697	12534	6	1	1	-	-	-	-	-	-	-	-	-	-
38 : 1	Wimbledon *HH* - - -	3220	9087	11	9	1	2	1	-	1	-	-	-	-	-	-
2	Kingston *WH* - - -	8549	27489	24	10	2	6	-	-	-	-	-	-	1	-	1
3	Esher (*part of*) * - -	6601	7353	1	4	-	2	-	-	-	-	-	-	-	-	-
4	Hampton - - - -	4573	10185	9	4	1	-	-	-	-	-	-	-	-	-	-
39 : 1	Richmond *WH* - - -	2271	16829	9	4	1	-	-	-	-	-	-	-	-	-	1
2	Mortlake - - - -	2961	9316	2	1	-	-	-	-	-	-	-	-	-	1	1
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	18	8	6	-	-	-	-	-	2	-	1	-	-
2	Chislehurst (*part of*) * *W* -	13665	10028	9	9	4	1	2	-	-	-	2	-	-	-	-
41 : 1	Bexley *H* - - - -	13439	19566	19	10	2	4	1	1	-	-	2	-	-	-	-
123 : 1	Sunbury *W* - - -	11055	9860	4	3	1	-	-	-	-	-	-	-	-	-	1
2	Staines *W* - - - -	13277	10339	12	4	1	2	-	-	-	-	-	-	-	-	-
124 : 1	Hillingdon *WH* - - -	6029	9712	4	7	1	2	-	-	-	-	1	-	1	-	-
2	Uxbridge - - - -	6178	5329	5	1	1	-	-	-	-	-	-	-	-	-	-
3	Hayes *WL* - - - -	14587	10497	12	7	1	3	-	-	-	-	-	-	-	-	-
125 : 1	Isleworth *W* - - -	7008	19930	15	8	3	2	-	-	-	-	-	-	-	1	1
2	Twickenham - - -	2477	10533	6	1	-	-	-	-	-	-	-	-	-	-	-
3	Brentford *HL* - - -	4370	20279	10	7	1	1	-	-	-	-	-	-	-	-	-
4	Chiswick - - - -	1311	8508	18	4	2	-	-	-	-	-	-	-	-	-	-
5	Acton *WH* - - - -	6087	12683	16	2	-	1	-	-	-	-	-	-	-	-	-
126 : 1	Harrow *H* - - - -	13809	10869	3	-	-	-	-	-	-	-	-	-	-	-	-
2	Edgware *H* - - -	6994	3450	4	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	19	7	-	1	-	-	-	-	1	-	-	-	-
4	Hendon *WH* - - -	8382	6972	2	3	1	-	-	-	-	-	1	-	-	-	-
127 : 1	South Mimms - - -	15419	5924	2	-	-	-	-	-	-	-	-	-	-	-	-
2	Barnet *W* - - - -	5423	7752	11	2	2	-	-	-	-	-	-	-	-	-	-
3	Finchley *L* - - - -	4688	11493	7	12	-	2	-	-	-	1	-	-	-	-	-
128 : 1	Hornsey *H* - - - -	3039	19357	26	15	2	4	-	1	-	2	-	-	-	1	1
2	Tottenham *H* - - -	4642	22869	19	8	1	4	-	-	-	-	-	-	-	-	-
3	Edmonton *WW* - - -	7483	13860	12	9	1	5	1	1	-	-	-	-	1	-	-
4	Enfield *WH* - - -	12653	16054	22	8	2	1	-	-	1	-	-	1	-	-	-
5	Waltham Abbey - - -	11017	5197	4	1	-	1	-	-	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	10	2	1	-	-	-	-	-	-	-	-	-	-
134 : 1	Hatfield (*part of*) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	1	1	-	-	-	-	1	-	-	-	-	-	-
185 : 1	Stratford - - - -	882	23286	41	13	4	4	-	-	-	-	1	-	-	1	1
2	West Ham *WWWW* - -	7345	44642	72	31	10	5	1	1	3	-	2	-	-	-	-
3	Leyton *WW* - - -	4274	15513	10	8	-	-	-	-	1	-	1	-	-	-	-
4	Walthamstow *H* - -	6619	15701	14	6	-	2	-	-	-	-	-	1	-	-	-
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	1	2	-	1	-	-	-	-	-	-	-	-	-
188 :	Romford (*part of*) * - -	6730	2879	2	4	1	-	-	-	-	-	-	-	-	-	1
2	Ilford - - - - -	8492	5947	8	3	-	2	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	5	2	1	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Godst sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 9 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoidon-I (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 27th April 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Deaths in Public Institutions.
EATER LONDON	446,494	4,450,015	22·8	4·0	1944	454	351	69	42	29	14	150	26	15	69	372
INNER LONDON -	78,080	3,577,304	24·2	4·4	1661	394	281	63	38	22	11	136	24	11	64	334
OUTER RING -	368,414	872,711	16·9	2·4	283	60	70	6	4	7	3	14	2	4	5	38

OTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal 97·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area 68,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, hich 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than niles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,759,796 Persons.

TOWNS.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	March	23	-	383	46·5	Small-pox 78; cholera 95.
BOMBAY - -	644,405	"	26	-	567	45·8	Small-pox 14; cholera 49; measles 36.
MADRAS - -	397,552	"	8	217	420	54·9	Fevers 113; dysentery 80.
PARIS - - -	1,988,806	April	25	-	994	26·0	Measles 30; diphtheria 24.
GENEVA - -	68,792	"	20	33	35	26·5	Small-pox 2.
BRUSSELS - -	175,782	"	20	-	-	-	—
AMSTERDAM -	302,266	"	13	213	144	24·8	Whooping-cough 4.
ROTTERDAM -	142,585	"	13	102	93	33·9	—
THE HAGUE -	107,896	"	13	78	55	26·5	—
COPENHAGEN -	220,000	"	16	142	80	19·0	Typhoid fever 2.
STOCKHOLM -	146,845	"	13	-	80	28·3	Typhoid fever 2.
CHRISTIANIA -	105,000	"	20	79	41	19·9	—
ST. PETERSBURGH	669,741	"	13	-	840	65·2	Typhus and typhoid fever 148; sm.-pox 16.
BERLIN - -	1,019,620	"	6	778	565	28·8	Scarlet fever 15; diphtheria 25.
HAMBURG (State)	406,104	"	13	322	227	29·2	Diphtheria and croup 5.
DRESDEN - -	207,845	"	13	179	93	23·3	Scarlet fever 2; typhus and typhoid fever 2.
BRESLAU - -	267,000	"	20	177	176	34·3	Fevers 2.
MUNICH - -	222,000	"	20	180	147	34·0	Diphtheria and croup 7.
VIENNA - -	727,271	"	20	505	522	37·3	Small-pox 20; diphtheria 22.
BUDA-PESTH -	319,530	"	13	255	254	41·3	Scarlet fever 6; small-pox 3.
ROME - - -	282,214	"	6	161	193	35·7	Diphtheria and croup 6.
NAPLES - -	457,407	"	1	-	411	46·9	Typhus and typhoid fever 11.
TURIN - -	227,843	"	13	137	223	51·1	Typhus & typhd. fev. 7; whooping-cough 8.
VENICE - -	139,796	"	13	61	86	32·1	Typhoid fever 2.
ALEXANDRIA -	212,034	"	11	177	154	37·9	Whooping-cough 4; small-pox 1.
NEW YORK -	1,083,371	March	30	-	530	25·4	Scarlet fever 28; diphtheria 23.
BROOKLYN -	549,438	"	30	-	222	21·0	Scarlet fever 12; diphtheria 8.
PHILADELPHIA	876,118	April	6	-	304	18·1	Typhoid fever 9; scarlet fever 11.
BOSTON - -	363,000	March	30	-	136	19·4	Diphtheria 6.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 27th APRIL, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Between Dew Point and Air Temperature. Greatest.	Between Dew Point and Air Temperature. Least.	Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure on square foot. Greatest.	Osler's. Pressure on square foot. Least.	Osler's. Pressure on square foot. Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
APRIL			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN.	21	Greatest Dec. S.	29·528	62·3	44·7	17·6	52·0	45·2	122·7	37·3	53·3	50·3	6·8	14·1	0·0	+ 4·4	78	S. & SSW.	S. & SSE.	2·6	0·0	0·2	240	— 74	0·09	2·0
MON.	22	..	29·654	60·3	44·7	15·6	51·1	47·3	107·3	38·8	54·3	51·3	3·8	12·5	0·0	+ 3·3	87	ENE. & E.	E. & ESE.	0·1	0·0	0·0	164	—147	0·00	13·8
TUES.	23	..	29·422	59·1	44·7	14·4	51·8	47·2	101·2	44·1	54·8	52·3	4·6	9·3	0·0	+ 3·8	84	ESE. & E.	E. & ENE.	1·8	0·0	0·2	288	— 4	0·00	15·2
WED.	24	Last Quarter	29·431	60·8	49·0	11·8	53·0	49·4	96·1	44·6	54·8	52·3	3·6	9·5	1·4	+ 4·8	88	E.	NE.	1·4	0·0	0·2	302	+ 32	0·11	10·0
THURS.	25	..	29·647	62·8	43·8	19·0	51·6	44·0	121·4	40·9	55·3	53·3	7·6	14·1	2·2	+ 3·3	75	NNE.	NNE.	6·4	0·0	1·4	469	+212	0·00	1·5
FRI.	26	..	29·877	60·6	42·3	18·3	49·0	41·0	122·5	39·0	55·3	53·3	8·0	16·2	4·4	+ 0·5	74	NNE.	NNE.	3·5	0·0	1·1	398	+142	0·00	11·5
SAT.	27	..	30·025	65·5	39·1	26·4	50·1	40·9	125·8	31·3	55·3	52·7	9·2	21·8	2·1	+ 1·4	71	NNE.	NE. & ESE.	0·8	0·0	0·1	202	— 58	0·00	7·3
MEANS		..	29·655	61·6	44·0	17·6	51·2	45·0	113·9	39·4	54·7	52·2	6·2	13·9	1·4	+ 3·1	80	NNE. & E.		..	..	..	Sum 2063	Sum +103	Sum 0·20	8·8
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	

DATE. April.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY	21	The electrical apparatus was not in action throughout the week.	8·4	14·2	Fine and partially cloudy till evening; overcast with heavy rain at night.
MONDAY	22		1·2	14·2	Fine; generally cloudy. A little rain fell at times.
TUESDAY	23		2·7	14·3	Generally cloudy. Fine.
WEDNESDAY	24		1·2	14·4	Overcast with frequent rain till afternoon; fine afterwards.
THURSDAY	25		8·0	14·4	Fine; partially cloudy. Slight showers in afternoon.
FRIDAY	26		9·0	14·5	A very fine day; partially cloudy.
SATURDAY	27		10·1	14·5	A very fine day; partially cloudy.
..		..	Sum 40·6	Sum 100·5	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and — "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

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6th May, 1878.

United Kingdom.

During last week 6483 *births* and 3776 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality from all causes was at the average rate of 24 deaths annually in every 1000 persons living. The annual death-rate was 29 per 1000 in Edinburgh, 28 in Glasgow, and 32 in Dublin; 17 fatal cases of small-pox were recorded in Dublin, against 9 and 21 in the two preceding weeks.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Leicester 15, Brighton 19, Hull 19, Bradford 19, Bristol 20, Newcastle 20, Nottingham 21, Leeds 22, Portsmouth 22, Wolverhampton 22, London 23, Oldham 23, Manchester 23, Norwich 23, Birmingham 24, Sunderland 24, Liverpool 25, Sheffield 26, Salford 27, and again the highest rate 30 in Plymouth. The annual death-rate from the seven principal zymotic diseases averaged 3·8 per 1000 in the twenty towns, and ranged from 1·0 and 1·1 in Brighton and Hull, to 6·3 in Oldham, 6·7 in Sheffield, and 7·8 in Plymouth. Measles and scarlet fever are fatally prevalent in Oldham, scarlet fever in Sheffield, and measles and whooping-cough in Plymouth. Small-pox caused 60 deaths in London, and one in Bradford.

London.

In London 2702 births and 1545 deaths were registered. Allowing for increase of population, the births exceeded by 193, and the deaths by 37, the average numbers in the corresponding weeks of the last ten years. The annual death-rate from all causes, which in the three previous weeks had been equal to 27·6, 25·9, and 24·2 per 1000, further declined last week to 22·5.

The 1545 deaths included 60 from small-pox, 29 from measles, 27 from scarlet fever, 10 from diphtheria, 117 from whooping-cough, 29 from different forms of fever, and 23 from diarrhœa; thus to the seven principal diseases of the zymotic class 295 deaths were referred, against 346, 323, and 305 in the three preceding weeks. These 295 deaths were 58 above the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 4·3 per 1000. The fatal cases of whooping-cough, which had been 157, 123, and 136 in the three previous weeks, declined to 117 last week, and included 44 in the South, and 25 in the East groups of districts; 8 occurred in Islington, 6 in St. Luke's, 11 in Shoreditch, 9 in Bethnal Green, 14 in Southwark, and 10 in Lambeth. Of the 29 deaths from measles, 15 occurred in South London, including 4 in Bermondsey. Four of the 27 deaths from scarlet fever were returned in Pancras. The deaths referred to fever, which had been 32, 26, and 24 in the three preceding weeks, rose again to 29 last week, and were within one of the corrected average weekly number; 5 were fatal cases of typhus, 19 of enteric or typhoid fever, and 5 of simple continued fever. The five deceased typhus patients had resided at:—17, Argyle Street, Pancras; 55, British Street, Bromley-by-Bow; 22, Gillham Court, Rotherhithe; 1, Camden Place, Rotherhithe; and at 51, Salisbury Street, Bermondsey. Three deaths were referred to enteric fever in Camberwell. Eighteen deaths of infants under one year of age were referred to diarrhœa (in addition to one fatal case of infantile choleraic diarrhœa in South Hackney) against but 9 and 5 in the two previous weeks.

The deaths from small-pox, which had been 80 and 63 in the two preceding weeks, further declined to 60 last week; 35 were recorded in the Metropolitan Asylum Hospitals, 6 in the Highgate Small-pox Hospital, and 19 in private dwelling-houses. Twelve of the deceased small-pox patients had resided in Islington, 7 in Hackney (4 of whom died in private houses), 4 in Bethnal Green, 5 in Mile End Old Town (including 4 in private houses), and 4 in Poplar. Since the

beginning of the year 89 residents of Islington have died from small-pox, 42 fatal cases having been registered since the end of March. Of the 60 fatal cases of small-pox in London last week, 33 were certified as unvaccinated, and 10 as vaccinated; in the remaining 17 cases (of which 12 occurred in private practice) the medical certificates did not give any information as to vaccination. The death from small-pox of a chemist's apprentice aged 17 years at Lincoln Cottage, Chatham Road, Battersea, was uncertified, as the deceased was not seen by a medical practitioner until after death, and no inquest was held.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which had been 854 and 824 at the end of the two previous weeks, were 834 on Saturday last; the number of new cases admitted during the week was 200, against 261, 228, and 191 in the three preceding weeks. The Highgate Small-pox Hospital contained 56 patients on Saturday last, against 64 at the end of the previous week; 13 new cases were admitted during the week.

The deaths referred to diseases of the respiratory organs, which had been 497, 398, and 345 in the three preceding weeks, further declined to 284 last week, and corresponded with the corrected weekly average; 162 resulted from bronchitis, and 93 from pneumonia.

Different forms of violence caused 60 deaths; 53 were the result of negligence or accident, including 22 from fractures and contusions, 2 from burns and scalds, 11 from drowning, and 10 of infants under one year of age from suffocation. The 22 deaths from fractures and contusions were thus caused:—female aged 73, run over by cab; male 5, run over by van; male 5, run over by dray; male 37, run over by wagon; female 8, crushed between two vans; male 41, thrown from a cart; male 52, run over on North London Railway; male 12, run over on railway at Woolwich Arsenal Station; male 21, fell from platform on the North Kent Railway; male 51, gored by bull; females 1, 42, and 56 (intoxicated); and males 67 and 70, fell down stairs or steps; male 5, fell from ladder; male 58, fell into vault; females 71 and 72, fell in street; male 28, by fall of deals upon him; male 7, by fall; male 58, by contusion of thumb. An inquest was held in each of these cases except the last two, in one of which the coroner considered an inquest unnecessary, while the other was certified by a qualified medical practitioner.

The causes of 21 of the deaths registered last week were uncertified, no less than 16 of which deaths occurred in South London.

Greater London.

In Greater London 3282 births and 1805 deaths were registered, equal to annual rates of 38·5 and 21·2 per 1000 of the population. In the Outer Ring, 8 fatal cases of small-pox were registered, of which 4 occurred in Stratford, and one each in Twickenham, Hornsey, Tottenham, and Leyton sub-districts. Two deaths were referred to diphtheria in Wimbledon and 2 in Hornsey.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 49, Bombay 44, Madras 47; Paris 25; Geneva 18; Brussels 27; Amsterdam 29, Rotterdam 33, The Hague 26; Copenhagen 19; Stockholm 24; Christiania 22; St. Petersburgh 61; Berlin 29, Hamburg 30, Dresden 27, Breslau 38, Munich 38; Vienna 32, Buda-Pesth 47; Turin 38, Venice 33; Alexandria 44; New York 24, Brooklyn 16, Philadelphia 18, and Boston 20. The 784 deaths in St. Petersburgh included 168 from typhus and typhoid fever.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·74 in.; the highest reading was 30·05 in. at the beginning of the week, and the lowest 29·44 in. on Wednesday afternoon. The mean temperature of the *air* was 55°·5, and 5°·8 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from themometrical observations at the Royal Observatory. The mean showed an excess on each day of the week; the warmest day being Wednesday, when the mean was 58°·7, and 8°·9 above the average The lowest night temperature was 39°·6 on Sunday, and the highest day temperature in the shade 70°·1 on Thursday; the extreme range in the week was, therefore, 30°·5. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 126°·5 on Wednesday. The difference between the mean *dew-point* and *air* temperature averaged 7°·2. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 55°·7. The mean degree of *humidity* of the air was 77, complete saturation being represented by 100; the air was therefore of its average dryness. The general direction of the *wind* was south-west and east, and the horizontal movement of the air averaged 8·9 miles per hour, which was 2·3 below the average in the corresponding week of 16 years. *Rain* fell on three days of the week, to the aggregate amount of 0·66 of an inch. The duration of registered sunshine in the week was 35·8 hours, the sun being above the horizon during 103·4 hours; the recorded duration of sunshine was, therefore, equal to 35 per cent. of its possible duration.

Table 1.—Births and Deaths registered, and Meteorology,* in 23 Towns of the United Kingdom, during the Week ending Saturday, the 4th May, 1878.

Cities and Boroughs. (*Municipal Boundaries, except for* London *and* Dublin.)	Area in Acres, exclusive of tidal water and foreshore.	Population estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 4th May, 1878. Births.	Deaths.	Temperature of the Air. (Fahrenheit.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Temperature of the Air. (Centigrade.) Weekly Mean of the Daily Mean Values.	Rain Fall. In Inches.	In Centimetres.
In 23 Towns in the United Kingdom	220,845	8,373,953	37·9	6483	3776	73·7	32·1	52·3	11·28	0·42	1·07
London	75,362	3,577,304	47·5	2702	1545	70·1	39·6	55·5	13·06	0·66	1·68
Brighton	2,354	103,923	44·1	63	37	65·3	40·0	53·2	11·78	0·34	0·86
Portsmouth	4,486	129,461	28·9	87	54	–	–	–	–	–	–
Norwich	7,472	84,620	11·3	78	38	72·2	37·5	54·3	12·39	0·09	0·23
Plymouth	1,395	73,599	52·8	47	42	61·0	42·0	51·8	11·01	0·92	2·34
Bristol	4,452	206,419	46·4	187	80	66·8	36·4	53·6	12·01	0·64	1·63
Wolverhampton	3,396	74,240	21·9	68	32	67·5	37·0	52·0	11·11	0·71	1·80
Birmingham	8,400	383,117	45·6	361	177	–	–	–	–	–	–
Leicester	3,200	121,473	38·0	96	36	71·2	36·5	54·5	12·50	0·53	1·35
Nottingham	9,960	165,267	16·6	144	66	73·7	32·1	53·9	12·17	0·33	0·84
Liverpool	5,210	532,681	102·2	386	256	65·2	43·2	52·1	11·17	0·27	0·69
Manchester	4,293	360,514	84·0	282	162	–	–	–	–	–	–
Salford	5,170	170,251	32·9	147	88	68·2	35·8	51·1	10·62	0·66	1·68
Oldham	4,666	107,366	23·0	115	48	–	–	–	–	–	–
Bradford	7,220	185,088	25·6	146	68	64·0	38·2	50·1	10·06	0·11	0·28
Leeds	21,572	304,948	14·1	229	127	68·0	38·0	51·1	10·62	0·18	0·46
Sheffield	19,651	289,537	14·7	221	142	72·0	37·0	52·3	11·28	0·21	0·53
Hull	3,635	143,139	39·4	110	51	69·0	35·0	49·8	9·89	0·19	0·48
Sunderland	3,306	112,459	34·0	96	52	64·0	39·0	49·4	9·66	0·24	0·61
Newcastle-on-Tyne	5,371	144,570	26·9	118	56	–	–	–	–	–	–
Edinburgh	4,191	222,371	53·1	159	125	66·1	38·7	50·9	10·50	0·20	0·51
Glasgow	6,033	566,940	94·0	457	300	64·0	39·5	51·7	10·95	0·07	0·18
Dublin	10,050	314,666	31·3	184	194	66·6	37·2	54·1	12·28	1·26	3·20

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.

† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

Table 2.—Deaths and Rate of Mortality in 20 large English Towns, having an estimated population of 7,269,976 persons, and in Dublin, during the Week ending Saturday the 4th May, 1878.

Boroughs, &c. (*Municipal Boundaries, except for* London *and* Dublin.)	Annual Rate of Mortality per 1000 living. From All Causes.	From Seven Zymotic Diseases.	Deaths from all Causes.	The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
In 20 Towns	22·7	3·8	3157	758	570	61	77	87	20	175	61	46	118	196	500
London	22·5	4·3	1545	371	295	60	29	27	10	117	29	23	60	101	307
Brighton	18·6	1·0	37	4	13	–	–	–	–	2	–	–	1	2	9
Portsmouth	21·8	3·6	54	14	14	–	4	–	–	2	2	1	–	1	8
Norwich	23·4	1·2	38	5	10	–	–	–	–	1	1	–	2	2	5
Plymouth	29·8	7·8	42	6	6	–	5	–	–	5	1	–	3	5	4
Bristol	20·2	1·3	80	18	15	–	1	1	–	–	2	1	3	3	8
Wolverhampton	22·5	3·5	32	8	6	–	–	2	–	2	1	–	1	1	6
Birmingham	24·1	4·2	177	49	27	–	1	8	2	8	7	5	10	23	21
Leicester	15·5	1·7	36	17	5	–	1	–	–	2	1	–	3	4	5
Nottingham	20·8	1·9	66	18	18	–	2	2	–	1	–	1	1	4	2
Liverpool	25·1	3·5	256	61	42	–	17	5	3	2	4	5	12	13	40
Manchester	23·4	2·5	162	30	23	–	3	3	1	4	3	3	6	11	30
Salford	27·0	3·4	88	21	12	–	2	–	–	6	2	1	–	2	7
Oldham	23·3	6·3	48	11	6	–	7	4	–	1	–	1	–	–	4
Bradford	19·2	1·7	68	23	13	1	1	–	–	3	–	1	3	4	10
Leeds	21·7	1·9	127	33	17	–	1	2	–	5	1	2	5	8	16
Sheffield	25·6	6·7	142	25	19	–	1	26	2	8	–	–	4	5	3
Hull	18·6	1·1	51	16	10	–	–	–	–	2	1	–	–	2	2
Sunderland	24·1	5·1	52	17	7	–	2	1	2	3	2	1	1	2	5
Newcastle-on-Tyne	20·2	4·3	56	11	12	–	–	6	–	1	4	1	3	3	8
Dublin	32·2	6·0	194	17	43	17	3	1	–	9	5	1	3	4	81

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the EIGHTEENTH Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2331	2025	2277	2251	2340	2343	2447	2327	2602	2510	2345·3	2702
Males . .	1198	1063	1148	1144	1219	1146	1253	1153	1289	1294	1190·7	1365
Females .	1133	962	1129	1107	1121	1197	1194	1174	1313	1216	1154·6	1337
TOTAL **Deaths**	1392	1421	1314	1522	1387	1326	1337	1489	1416	1490	1409·4	1545
Males . .	696	717	680	787	725	670	720	746	735	785	726·1	839
Females .	696	704	634	735	662	656	617	743	681	705	683·3	706

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868-77 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Feb. 9.	Feb. 16.	Feb. 23.	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.	May 4.
TOTAL **Deaths** - - -	1813	1927	1756	1637	1580	1526	1676	1766	1877	1895	1773	1661	1545
0—20 - -	855	896	839	823	807	767	854	899	900	954	899	876	775
20—40 - -	245	246	212	202	216	196	198	214	230	234	241	218	235
40—60 - -	305	331	263	254	249	245	283	296	346	293	279	286	240
60—80 - -	326	376	358	297	260	257	276	295	323	343	295	232	252
at 80 years & upwds.	82	78	84	61	48	61	65	62	78	71	59	49	43
Deaths of children: Under 1 year -	393	412	397	381	370	352	386	390	381	415	379	394	371
Deaths of children: 1—5 - - -	344	340	326	333	331	301	351	368	402	403	375	357	286
Deaths of children: 5—20 - -	118	144	116	109	106	114	117	141	117	136	145	125	118
Deaths from 7 principal Zymotic Diseases	306	295	257	288	259	243	277	339	319	346	323	305	295
" " Smallpox - -	55	47	39	54	34	53	42	48	55	58	80	63	60
" " Measles - -	40	43	40	41	46	32	34	35	30	40	31	38	29
" " Scarlet Fever -	37	32	34	35	35	28	22	47	42	36	37	22	27
" " Diphtheria -	10	5	9	8	7	6	13	12	8	9	8	11	10
" " Whooping-cough	114	124	100	112	102	84	124	158	146	157	123	136	117
" " Typhus fever -	3	2	5	5	6	9	2	3	4	4	3	3	5
" " Enteric (or Typhoid) fever -	21	24	16	18	17	16	25	23	20	23	14	15	19
" " Simple Cont^d fever	4	4	3	4	5	2	2	2	5	5	9	6	5
" " Diarrhœa - -	22	14	11	11	7	13	13	11	9	14	18	11	23
" " Simple Cholera -	-	-	-	-	-	-	1	-	-	1	-	-	1
" " Dis. of Respiratory Organs -	502	544	475	413	362	340	402	421	474	497	398	345	284
" " Phthisis - -	166	199	168	156	162	174	154	169	208	182	188	174	189
" " Heart Diseases -	95	112	108	94	75	86	89	118	111	106	88	71	70
Violent Deaths - - -	48	61	60	48	51	35	53	57	39	49	75	64	60
Inquest Cases - - -	96	127	115	106	96	72	98	118	102	99	124	100	101
Deaths in Public Institutions	332	387	353	290	294	294	333	334	358	333	360	334	307
TEMPERATURE OF THE AIR:													
Mean - - - -	35°·1	42°·6	46°·5	48°·7	46°·6	40°·5	43°·3	35°·5	40°·4	46°·0	51°·5	51°·2	55°·5
Mean of Highest readings -	38·5	48·0	52·7	53·4	53·1	48·3	50·5	44·6	50·3	54·1	61·0	61·6	66·5
Mean of Lowest readings -	31·9	36·4	41·5	4·44	41·3	33·7	37·3	29·1	31·8	38·0	44·4	44·0	47·0
Mean Temperature of the Water of the Thames -	38·1	39·6	45·1	47·0	49·1	47·0	45·7	44·0	41·4	44·7	50·0	53·5	55·7
Humidity of the Air - -	92	91	83	81	72	74	75	76	78	75	85	80	77
Rain-fall in inches - -	0·05	0·80	0·03	0·34	0·00	0·09	0·00	0·71	0·38	2·85	0·73	0·20	0·66
Registered Sunshine (in hours)	3·8	8·2	15·8	4·2	19·4	19·1	9·9	18·2	34·6	45·4	17·9	40·6	35·8

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the EIGHTEENTH Week of the Year 1878.

CAUSES OF DEATH.	Average in the Eighteenth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, May 4, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
Mean Temperature -	48°5	55°5							
ALL CAUSES - -	1409·4	1545	371	286	118	235	240	252	43
SPECIFIED CAUSES	1403·2	1543	371	286	118	235	240	250	43
I. ZYMOTIC.									
ORDER 1.									
Small-pox - - -	44·7	60	5	8	22	23	2	-	-
Measles - - -	39·6	29	7	22	-	-	-	-	-
Scarlet Fever - -	31·8	27	1	18	8	-	-	-	-
Diphtheria - -	5·1	10	1	6	2	1	-	-	-
Quinsy - - -	·3	1	-	1	-	-	-	-	-
Croup - - -	12·7	7	1	6	-	-	-	-	-
Whooping-cough -	58·1	117	45	69	3	-	-	-	-
Typhus - - -	28·1 (Enteric or Typhoid Fev.; Simple continued Fev.)	5	-	-	-	3	1	1	-
Enteric or Typhoid Fev.		19	1	2	8	4	4	-	-
Simple continued Fev.		5	-	4	-	-	-	1	-
Erysipelas - -	5·7	12	5	-	-	-	2	4	1
Puerperal Fev. (Metria)	4·8	2	-	-	-	1	1	-	-
Carbuncle - -	·9	-	-	-	-	-	-	-	-
Influenza - - -	·4	-	-	-	-	-	-	-	-
Dysentery - -	1·4	-	-	-	-	-	-	-	-
Diarrhœa - - -	13·7	23	18	1	1	-	1	2	-
Simple Cholera - -	·4	1	1	-	-	-	-	-	-
Ague - - - -	·1	-	-	-	-	-	-	-	-
Remittent Fever -	·3	1	-	-	1	-	-	-	-
Rheumatism - -	7·5	6	-	-	2	1	3	-	-
Other *Zymotic* Diseases	·4	3	2	1	-	-	-	-	-
ORDER 2.									
Syphilis - - -	8·9	7	7	-	-	-	-	-	-
Stricture of Urethra -	·8	1	-	-	-	-	1	-	-
Hydrophobia - -	·1	-	-	-	-	-	-	-	-
Glanders - - -	·1	-	-	-	-	-	-	-	-
ORDER 3.									
Privation - - -	·6	2	-	-	-	-	-	2	-
Want of Breast-milk	7·8	10	9	1	-	-	-	-	-
Purpura and Scurvy -	2·8	3	-	3	-	-	-	-	-
Alcoholism { *a* Del. Tremens	1·7	-	-	-	-	-	-	-	-
Alcoholism { *b* Intemperance	1·4	6	-	-	-	3	2	1	-
ORDER 4.									
Thrush - - -	2·4	3	3	-	-	-	-	-	-
Worms, &c. - -	·6	-	-	-	-	-	-	-	-
CONSTITUTIONAL.									
ORDER 1.									
Gout - - - -	1·8	2	-	-	-	-	1	-	1
Dropsy - - -	12·6	7	2	-	-	-	1	2	2
Cancer - - -	35·5	43	-	-	-	6	18	19	-
Cancrum Oris (Noma)	·7	-	-	-	-	-	-	-	-
Mortification - -	3·6	6	2	-	-	-	-	3	1
ORDER 2.									
Scrofula - - -	10·6	11	5	2	3	-	1	-	-
Tabes Mesenterica -	20·6	24	7	13	3	1	-	-	-
Phthisis - - -	185·3	189	4	2	17	104	57	5	-
Hydrocephalus - -	33·4	40	16	20	3	1	-	-	-
III. LOCAL.									
ORDER 1.									
Cephalitis - - -	19·7	28	11	10	5	-	2	-	-
Apoplexy - - -	41·8	47	2	3	1	3	13	23	2
Paralysis - - -	27·9	27	-	-	1	-	11	12	3
Insanity - - -	2·2	1	-	-	-	-	1	-	-
Chorea - - -	—	-	-	-	-	-	-	-	-
Epilepsy - - -	7·1	7	-	-	1	1	4	1	-
Convulsions - -	48·4	48	33	14	1	-	-	-	-
Brain Disease, &c. -	18·3	23	-	2	4	2	4	11	
ORDER 2.									
Pericarditis - -	2·8	3	-	-	1	-	-	2	-
Aneurism - -	3·1	5	-	-	-	1	2	2	-
Heart Disease, &c. -	66·3	62	1	-	5	11	15	28	2
ORDER 3.									
Laryngitis - - -	8·5	5	4	1	-	-	-	-	-
Bronchitis - - -	152·6	162	37	27	1	16	21	52	8
Pleurisy - - -	4·0	4	-	1	-	2	1	-	-
Pneumonia - -	76·1	93	20	27	3	13	13	16	1
Asthma - - -	8·2	6	-	-	-	1	2	3	-
Lung Disease, &c. -	15·9	14	7	5	-	-	2	-	-

CAUSES OF DEATH.	Average in the Eighteenth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, May 4, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
Mean Temperature -	48°5	55°5							
ORDER 4.									
1. Gastritis - - -	2·9	1	-	-	-	-	1	-	-
2. Enteritis - - -	5·2	8	2	2	2	1	-	-	1
3. Peritonitis - - -	5·2	3	2	-	-	1	-	-	-
4. Ascites - - -	2·0	4	-	-	-	-	2	2	-
5. Ulceration of Intestines	3·0	1	-	-	1	-	-	-	-
6. Hernia - - -	3·2	1	-	-	-	-	1	-	-
7. Ileus - - - -	3·5	8	-	-	-	1	3	3	1
8. Intussusception -	·8	1	1	-	-	-	-	-	-
9. Stricture of Intestines	1·4	-	-	-	-	-	-	-	-
10. Fistula - - -	·6	-	-	-	-	-	-	-	-
11. *Stomach Disease, &c.* -	7·1	5	-	-	1	-	2	1	1
12. *Pancreas Disease, &c.*	—	-	-	-	-	-	-	-	-
13. Hepatitis - - -	3·1	4	-	-	-	4	-	-	-
14. Jaundice - - -	4·4	5	2	-	-	1	-	2	-
15. *Liver Disease, &c.* -	19·6	21	1	1	-	1	13	5	-
16. *Spleen Disease, &c.* -	·3	-	-	-	-	-	-	-	-
ORDER 5.									
1. Nephritis - - -	1·8	3	-	-	-	-	1	2	-
2. Ischuria - - -	·4	-	-	-	-	-	-	-	-
3. Bright's Dis. (Nephria)	13·5	17	-	-	1	5	7	4	-
4. Diabetes - - -	1·6	2	-	-	-	1	1	-	-
5. Calculus (Stone) -	·6	2	-	-	-	-	1	1	-
6. Cystitis - - -	1·7	2	-	-	-	1	1	-	-
7. *Kidney Disease, &c.* -	9·0	5	-	-	-	-	2	2	1
ORDER 6.									
1. Ovarian Dropsy -	·6	1	-	-	-	-	1		-
2. *Uterus Disease, &c.* -	4·7	5	-	-	-	5	-	-	-
ORDER 7.									
1. Synovitis (Arthritis)	·5	-	-	-	-	-	-	-	-
2. *Joint Disease, &c.* -	6·0	9	2	-	4	1	1	1	-
ORDER 8.									
1. Phlegmon - - -	3·2	1	-	-	1	-	-	-	-
2. Ulcer - - - -	·6	1	-	-	-	-	-	1	-
3. *Skin Disease, &c.* -	·9	2	-	-	1	-	-	1	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth -	22·5	25	25	-	-	-	-	-	-
2. Cyanosis - - -	2·2	1	1	-	-	-	-	-	-
3. Spina Bifida - -	1·3	4	4	-	-	-	-	-	-
4. Other Malformations	1·7	-	-	-	-	-	-	-	-
5. Teething - - -	16·5	12	9	3	-	-	-	-	-
ORDER 2.									
1. Paramenia - - -	—	-	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever) - -	5·2	4	-	-	-	3	1	-	-
ORDER 3.									
1. Old Age - - -	45·6	38	-	-	-	-	-	20	18
ORDER 4.									
1. Atrophy and Debility	58·1	70	55	6	1	1	1	6	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	16·5	22	-	1	6	3	7	5	-
2. Wounds { Gunshot	·6	-	-	-	-	-	-	-	-
2. Wounds { Cut, Stab		1	-	-	-	-	1	-	-
3. Burns and Scalds -	4·8	2	-	2	-	-	-	-	-
4. Poison - - -	1·0	1	-	-	-	1	-	-	-
5. Drowning - - -	5·8	11	-	1	2	5	2	1	-
6. Suffocation - -	10·6	13	10	1	1	1	-	-	-
7. Otherwise - - -	3·1	3	-	-	1	-	1	1	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	1·9	2	-	-	-	-	1	1	-
ORDER 4. SUICIDE.)									
1 Wounds { Gunshot -	·2	1	-	-	-	-	1	-	-
1 Wounds { Cut, Stab -	1·9	-	-	-	-	-	-	-	-
2. Poison - - -	1·8	-	-	-	-	-	-	-	-
3. Drowning - - -	1·8	4	-	-	-	1	2	1	-
4. Hanging - - -	2·0	-	-	-	-	-	-	-	-
5. Otherwise - - -	·5	-	-	-	-	-	-	-	-
ORDER 5. (EXECUTION.)									
1. Hanging - - -	—	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - -	·7	-	-	-	-	-	-	-	-
Causes not specified or ill-defined - - -	5·5	2	-	-	-	-	-	2	-

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

Table 6. LONDON.—Population, Births, Deaths from all Causes, and from Small-pox, Measles, Scarl
during the Week end

Registration Sub-districts.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The Deaths registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,254,260	2702	1545	371	295	60	29	27	10	117	5	19	5	23	60	101
West Districts	561,359	418	268	61	62	9	1	6	1	22	-	4	-	2	8	28
North Districts	751,729	608	327	71	64	38	7	6	2	18	1	3	-	8	11	22
Central Districts	334,369	212	131	27	22	-	2	3	-	8	-	-	-	-	7	7
East Districts	639,111	552	309	72	58	7	4	3	-	25	1	3	-	6	15	18
South Districts	967,692	912	510	140	89	6	15	9	7	44	3	9	5	7	19	26
West Districts.																
St. Mary Paddington *WH*	58728	39	18	4	4	-	-	-	1	1	-	1	-	1	-	1
St. John Paddington *H*	38085	19	8	1	1	-	-	-	-	1	-	-	-	-	2	2
Kensington Town *W*	91645	70	50	11	13	1	-	2	-	4	-	-	-	-	1	6
Brompton *H*	28654	17	10	2	2	-	-	-	-	-	-	-	-	-	-	-
St. Peter Hammersmith	6662	3	5	1	2	-	-	-	-	-	-	-	-	-	-	1
St. Paul Hammersmith *H*	36029	48	20	4	2	-	-	2	-	1	-	-	-	-	-	2
Fulham *WwH*	23350	46	31	6	5	8	-	2	-	3	-	1	-	-	2	4
Chelsea South *HHH*	26420	23	19	7	2	-	1	-	-	1	-	1	-	1	1	2
Chelsea North-west *WHHHH*	22926	19	15	4	4	-	-	-	-	1	-	-	-	-	-	2
Chelsea North-east	21392	30	6		-	-	-	-	-	2	-	-	-	-	-	-
Hanover Square *H*	18698	2	5	-	1	-	-	-	-	-	-	-	-	-	-	-
May Fair *WW*	13358	2	12	1	8	-	-	-	-	-	-	-	-	-	-	1
Belgrave *HH*	57972	21	16	3	2	-	-	-	-	2	-	1	-	-	1	1
St. John Westminster *HH*	38478	22	19	9	3	-	-	-	-	5	-	-	-	-	-	3
St. Margaret Westminster *WH*	27781	23	14	-	5	-	-	-	-	-	-	-	-	-	-	1
Golden Square *WH*	12860	10	7	2	4	-	-	-	-	-	-	-	-	-	-	1
Berwick-street *H*	20759	11	7	4	2	-	-	-	-	1	-	-	-	-	1	1
St. Anne Soho *HHHHH*	17562	13	6	-	2	-	-	-	-	-	-	-	-	-	-	-
North Districts.																
All Souls Marylebone *HHHH*	28579	18	14	1	2	-	3	-	-	1	-	-	-	-	-	-
Cavendish Square *HH*	15425	7	2	-	1	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone *WH*	26384	13	20	2	9	1	-	-	-	-	-	-	-	1	-	-
St. Mary Marylebone *HHH*	21786	22	7	3	2	-	-	-	-	-	-	-	-	-	-	2
Christchurch Marylebone *H*	33944	19	11	4	3	-	-	-	-	2	-	-	-	-	1	1
St. John Marylebone *H*	33136	26	9	-	3	-	-	-	-	-	-	-	-	-	2	2
Hampstead *WwHH*	32281	22	24	2	1	16	-	-	1	1	-	-	-	-	-	-
Regent's Park Pancras	38200	26	14	4	2	-	-	-	-	-	-	-	-	-	1	1
Tottenham-court *wHHH*	29370	16	17	2	3	-	2	-	-	2	-	-	-	-	2	2
Gray's Inn Lane *HHH*	29221	26	12	6	1	-	-	1	-	-	1	-	-	1	1	4
Somers Town	38533	29	9	6	-	-	-	-	-	-	-	-	-	1	-	-
Camden Town *WH*	17943	21	6	1	-	-	-	1	-	-	-	-	-	-	-	-
Kentish Town *w*	68198	62	30	5	5	-	-	2	-	1	-	-	-	1	1	2
Islington West *HHH*	97820	86	31	7	5	8	-	1	-	2	-	-	-	-	-	3
Islington East *WwwH*	115958	108	57	11	16	1	1	1	-	6	-	1	-	-	2	3
Stoke Newington *H*	9841	21	7	4	1	-	-	-	-	-	-	-	-	2	-	-
Stamford Hill	6598	1	3	2	-	-	1	-	-	1	-	-	-	1	-	-
West Hackney	28069	21	7	-	2	-	-	-	-	-	-	-	-	-	1	1
Hackney *WwwHL*	50104	35	34	8	6	11	-	-	1	2	-	1	-	1	-	-
South Hackney	30339	29	13	3	2	1	-	-	-	-	-	1	-	-	-	1
Central Districts.																
St. George Bloomsbury	17853	12	2	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Giles South *WH*	19109	14	11	3	1	-	-	-	-	-	-	-	-	-	1	1
St. Giles North	16594	6	4	1	1	-	-	-	-	-	-	-	-	-	-	-
Long Acre	11379	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Charing Cross *HH*	9859	3	5	1	-	-	-	-	-	-	-	-	-	-	1	1
St. Mary-le-Strand	9378	7	4	-	1	-	-	-	-	-	-	-	-	-	-	1
St. Clement Danes *H*	10723	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-
St. George-the-Martyr *HHHHH*	20521	12	10	-	1	-	-	-	-	-	-	-	-	-	1	-
St. Andrew Eastern *W*	13529	2	12	2	5	-	1	-	-	-	-	-	-	-	1	2
Saffron Hill *H*	9066	4	1	-	-	-	-	-	-	1	-	-	-	-	-	-
St. James Clerkenwell *W*	18917	17	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Amwell Clerkenwell	16884	15	3	1	1	-	1	-	-	-	-	-	-	-	-	-
Pentonville	13337	10	12	8	1	-	-	1	-	-	-	-	-	-	1	1
Goswell-street	16242	15	7	3	1	-	-	1	-	-	-	-	-	-	-	-
Old-street *H*	12161	12	6	-	1	-	-	1	-	2	-	-	-	-	-	-
City-road *HHL*	18301	24	11	4	-	-	-	-	-	4	-	-	-	-	1	-
Whitecross-street	13792	10	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Finsbury	10741	6	4	1	1	-	-	-	-	-	-	-	-	-	-	-
St. Botolph East London *H*	14540	10	2	1	1	-	-	-	-	-	-	-	-	-	-	-
Cripplegate	13638	2	8	-	1	-	-	-	-	1	-	-	-	-	-	-
St. Sepulchre *H*	7562	4	12	-	2	-	-	-	-	-	-	-	-	-	1	1
St. Bride *W*	11185	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard	4426	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Christchurch	6270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe	4753	5	2	1	1	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking	5764	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Broad Street *H*	7845	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: *W*—Workhou
H—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see
at the foot of next page.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT urday, 4th May 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
lywell Shoreditch	12430		5	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Leonard Shoreditch *HL*†	16545	10	11	5	-	-	-	-	-	4	-	-	-	-	-	-	1
xton New Town *w*	27835	15	24	8	5	-	-	-	-	2	-	-	-	-	1	1	-
xton Old Town	26933	28	10	2	1	-	-	-	-	4	-	1	-	-	-	-	-
ggerston *WH*	43421	40	26	9	6	-	-	-	-	1	-	-	-	-	-	-	11
ckney-road *H*	29822	26	10	2	-	-	-	1	-	1	-	-	-	-	1	1	-
een, Bethnal Green *WHL*†	42433	37	20	6	3	-	-	2	-	5	-	-	-	-	-	-	5
urch, Bethnal Green	26577	17	11	1	-	-	-	-	-	3	-	-	-	1	-	-	-
wn, Bethnal Green	21272	16	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-
italfields *H*	22499	17	9	3	2	-	-	-	-	-	-	-	-	-	-	1	-
le End New Town *W*	15550	9	17	1	3	-	-	-	-	-	-	-	-	-	1	1	11
nitechapel North	11597	10	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-
nitechapel Church *H*	7322	5	15	-	4	-	-	-	-	-	-	-	-	-	2	2	14
odman's Fields	10381	7	5	-	1	-	1	-	-	-	-	-	-	-	-	-	-
dgate	9224	4	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Mary St. George East	17900	18	10	8		-	-	-	-	-	-	-	-	-	1	1	-
Paul St. George East	21350	16	2	-		-	-	-	-	-	-	-	-	-	-	-	-
John St. George East *W*	8802	2	3	-	2	-	-	-	-	-	-	-	-	-	-	-	3
adwell *H*	11640	4	8	2	2	-	-	-	-	1	-	1	-	-	3	3	-
telliff	16131	12	10	2	1	-	-	-	-	1	-	-	-	1	2	2	-
nehouse	29919	29	7	3	-	-	1	-	-	1	-	-	-	-	-	-	-
le End Old Town Western	38128	36	8	2	4	1	-	-	-	-	-	-	-	1	-	-	-
le End Old Town Eastern *WwwH*	55024	56	25	6	8	3	-	-	-	-	-	1	-	-	1	1	6
w *wwwH*	67765	85	44	7	12	1	-	-	-	1	1	-	-	3	1	2	14
plar *WW*	48611	45	19	6	1	1	2	-	-	1	-	-	-	-	2	3	-
SOUTH DISTRICTS.																	
ristchurch Southwark *WH*	14573	11	11	2	4	-	-	-	-	2	-	-	-	-	-	-	4
Saviour Southwark *H*	15677	15	9	3	-	-	2	1	-	-	-	-	-	-	-	-	-
nt-road	20421	27	12	4	-	-	-	1	1	2	-	-	-	-	1	3	-
rough-road *WH*	16695	18	8	2	1	-	-	-	-	1	-	-	-	-	2	2	3
ndon-road *HL*	18961	20	14	6	1	-	-	1	-	2	-	-	-	-	-	1	1
nity Newington	23682	19	8	1	-	-	-	-	1	1	-	-	-	-	-	-	-
Peter Walworth *W*	48248	39	31	6	9	-	-	1	-	3	-	-	-	-	-	-	11
Mary Newington	16792	12	9	2	3	-	-	-	1	1	-	-	-	-	-	-	-
Olave Southwark *H*	4373	3	15	-	2	-	-	-	-	-	-	-	-	-	1	1	15
John Horsleydown *W*	10500	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ther Market	16787	16	7	3	1	-	1	-	-	-	-	-	-	1	-	1	-
Mary Magdalen *W*	15709	12	7	1	2	-	1	-	-	1	-	-	-	-	-	-	2
James Bermondsey	47933	48	16	5	1	-	2	1	-	5	-	-	2	-	-	-	-
herhithe *W*	27096	26	14	2	1	-	-	1	-	1	-	1	-	-	4	4	1
terloo-road 1st *H*	14074	14	3	2	-	-	-	-	-	1	-	-	-	-	-	-	-
terloo-road 2nd *H*	18465	20	11	4	3	-	-	1	-	-	-	-	1	-	-	-	-
nbeth Church 1st *H*	19492	8	21	3	2	-	-	-	-	3	-	1	-	-	6	6	12
nbeth Church 2nd *WW*	35833	33	17	1	7	-	-	-	1	-	-	-	-	-	1	1	8
nington 1st	41286	36	32	8	7	-	-	-	-	5	-	-	-	-	1	2	-
nington 2nd	31221	28	9	1	4	-	-	-	-	1	-	-	-	-	-	-	-
xton *w*	35435	43	19	4	3	2	-	-	-	-	3	1	-	-	-	-	6
wood *W*	12536	7	3	-	2	-	-	1	-	-	-	-	-	-	-	-	-
pham *H*	27347	22	11	2	4	-	1	-	-	1	-	-	-	-	-	-	-
tersea *Ww*	54016	69	29	12	3	1	1	-	-	2	-	-	-	-	-	-	1
ndsworth *HL*	19783	23	11	-	4	-	-	-	-	-	-	-	-	-	-	-	5
ney	9439	12	8	4	-	-	2	-	-	-	-	-	-	-	-	-	-
atham	14475	14	7	2	2	-	-	-	-	-	-	-	-	-	-	-	-
wich	4041	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
nberwell *WL*†*L*†	31254	32	17	5	4	1	-	-	-	3	-	1	1	-	-	1	3
kham *W*	42160	52	18	6	3	-	-	1	-	1	-	1	-	-	-	1	-
George Camberwell	33851	47	15	7	1	1	-	-	-	1	-	1	1	-	-	-	-
Paul Deptford *w*	53714	47	29	5	3	1	1	-	-	2	-	1	-	2	1	-	1
Nicholas Deptford	6474	3	2	2	-	-	-	-	-	-	-	-	-	1	-	-	-
enwich West	21034	11	12	6	2	-	1	-	1	-	-	1	-	-	-	-	-
enwich East *WH*	19378	8	12	2	5	-	-	-	-	2	-	-	-	1	-	-	5
ham *H*	4539	2	2	1	-	-	-	-	-	1	-	-	-	-	-	-	-
	16440	14	6	3	1	-	-	-	-	-	-	-	-	-	1	2	-
isham Village *WH*	11513	9	7	4	-	-	-	-	-	-	-	-	-	1	-	-	2
nham *H*	19065	18	10	6	1	-	-	-	1	2	-	-	-	-	-	-	-
rlton *H*	9564	6	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
lwich Dockyard	17226	13	8	4	-	-	-	-	-	-	-	-	-	1	1	1	-
lwich Arsenal *WHH*	18331	17	9	4	1	-	1	-	-	-	-	1	-	-	-	-	-
nstead, West	13027	12	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-
nstead, East *W*	15232	14	11	3	-	-	2	-	1	-	-	-	-	-	-	-	5

e following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by *w*:—

Central London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary " " "
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.
London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 4th May 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
	LONDON—OUTER RING	368,414	631,381	580	260	58	60	8	8	6	5	9	2	1	9	23
29 : 1	Carshalton *wL* - - -	12228	13523	14	-	-	-	-	-	-	-	-	-	-	-	-
2	Epsom (*part of*) * *WH* -	9971	9145	5	6	2	-	-	-	-	-	-	-	-	-	-
36 : 1	Godstone (*part of*) * - -	2754	900	1	-	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	63	19	2	10	-	-	1	-	1	-	-	-	-
2	Mitcham *WH* - - -	11697	12534	12	6	1	3	-	-	-	-	-	-	-	-	-
38 : 1	Wimbledon *HH* - -	3220	9087	13	5	2	2	-	-	-	2	-	-	-	-	-
2	Kingston *WH* - - -	8549	27489	18	7	3	1	-	-	-	-	-	-	-	2	2
3	Esher (*part of*) * - -	6601	7353	9	2	1	-	-	-	-	-	-	-	-	1	1
4	Hampton - - - -	4573	10185	11	8	1	2	-	-	-	-	-	-	-	-	1
39 : 1	Richmond *WH* - - -	2271	16829	17	8	2	2	-	-	-	-	-	-	-	1	1
2	Mortlake - - - -	2961	9316	17	2	1	1	-	-	-	-	-	-	-	-	-
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	11	3	-	1	-	-	-	-	-	-	-	-	-
2	Chislehurst (*part of*)* *W* -	13665	10028	6	4	3	-	-	-	-	-	-	-	-	-	-
41 : 1	Bexley *H* - - - -	13439	19566	19	2	-	-	-	1	-	-	-	-	-	-	-
123 : 1	Sunbury *W* - - -	11055	9860	8	3	-	-	-	-	-	-	-	-	-	1	1
2	Staines *W* - - - -	13277	10339	5	4	3	1	-	-	-	-	1	-	-	-	-
124 : 1	Hillingdon *WH* - - -	6029	9712	6	2	-	1	-	-	-	-	-	-	-	-	-
2	Uxbridge - - - -	6178	5329	5	1	-	-	-	-	-	-	-	-	-	-	1
3	Hayes *WL* - - - -	14587	10497	4	10	2	5	-	-	-	-	1	-	-	-	2
125 : 1	Isleworth *W* - - -	7008	19930	20	8	2	4	-	-	-	-	-	-	-	-	2
2	Twickenham - - -	2477	10533	1	2	-	-	1	-	-	-	-	-	-	-	-
3	Brentford *HL* - - -	4370	20279	26	7	-	1	-	1	-	-	-	1	-	1	1
4	Chiswick - - - -	1311	8508	9	1	1	-	-	-	-	-	-	-	-	-	-
5	Acton *WH* - - - -	6087	12683	14	9	2	4	-	-	-	-	1	-	-	-	-
126 : 1	Harrow *H* - - - -	13809	10869	7	1	-	-	-	-	-	-	-	-	-	-	-
2	Edgware *H* - - -	6994	3450	3	2	-	-	-	-	-	-	-	-	-	-	1
3	Willesden - - - -	4383	15869	12	15	7	3	-	2	-	-	1	-	1	1	2
4	Hendon *WH* - - -	8382	6972	7	9	3	2	-	2	-	-	1	-	-	-	-
127 : 1	South Mimms - - -	15419	5924	1	2	-	-	-	1	-	-	-	-	-	-	-
2	Barnet *W* - - - -	5423	7752	4	4	1	1	-	-	-	-	-	-	-	-	2
3	Finchley *L* - - - -	4688	11493	9	2	-	-	-	-	-	-	-	-	-	-	-
128 : 1	Hornsey *H* - - - -	3039	19357	18	11	2	2	1	-	-	2	-	1	-	-	-
2	Tottenham *H* - - -	4642	22869	20	15	1	1	1	1	-	-	-	-	-	1	2
3	Edmonton *WW* - - -	7483	13860	12	13	4	5	-	-	1	-	1	-	-	-	1
4	Enfield *WH* - - -	12653	16054	7	2	1	-	-	-	1	-	-	-	-	-	-
5	Waltham Abbey - - -	11017	5197	2	2	1	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	5	5	1	1	-	-	-	-	-	-	-	-	-
134 : 1	Hatfield (*part of*) * - -	3180	559	1	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	4	1	1	-	-	-	-	-	-	-	-	-	-
185 : 1	Stratford - - - -	882	23286	30	11	2	-	4	-	1	-	1	-	-	-	-
2	West Ham *WWWW* - -	7345	44642	69	30	5	1	-	-	2	1	-	-	-	1	3
3	Leyton *WW* - - -	4274	15513	11	4	-	2	1	-	-	-	-	-	-	-	-
4	Walthamstow *H* - -	6619	15701	19	6	-	3	-	-	-	-	1	-	-	-	-
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	3	2	-	-	-	-	-	-	-	-	-	-	-
188 : 1	Romford (*part of*) * - -	6730	2879	3	2	1	1	-	-	-	-	-	-	-	-	-
2	Ilford - - - - -	8492	5947	8	2	-	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	10	-	-	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Godst sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 90 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoydon-I (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 4th May, 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	
REATER LONDON	446,494	4,450,015	21·2	3·9	1805	429	355	68	37	33	15	126	31	24	69	328
INNER LONDON -	78,080	3,577,304	22·5	4·3	1545	371	295	60	29	27	10	117	29	23	60	307
OUTER RING -	368,414	872,711	15·6	2·3	260	58	60	8	8	6	5	9	2	1	9	21

OTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal 697·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than miles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,759,796 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	March	30	-	400	48·5	Small-pox 102; cholera 80.
BOMBAY - -	644,405	April	2	-	549	44·3	Small-pox 26; cholera 53; measles 39.
MADRAS - -	397,552	March	15	266	363	47·4	Fevers 95; dysentery 66.
PARIS - -	1,988,806	May	2	-	965	25·2	Measles 29; diphtheria 32.
GENEVA - -	68,792	April	27	33	24	18·2	—
BRUSSELS - -	175,782	"	20	105	90	26·7	—
AMSTERDAM -	302,266	"	20	203	166	28·5	Typhus and typhoid fev. 4; croup 3.
ROTTERDAM -	142,585	"	20	116	91	33·1	—
THE HAGUE -	107,896	"	20	82	54	26·0	—
COPENHAGEN -	220,000	"	23	138	79	18·7	—
STOCKHOLM -	146,845	"	20	-	67	23·7	Whooping-cough 3.
CHRISTIANIA -	105,000	"	27	110	45	21·9	—
ST.PETERSBURGH	669,741	"	20	-	784	60·9	Typhus and typhoid fev. 168; small-pox 15.
BERLIN - -	1,019,620	"	13	754	559	28·5	Scarlet fever 17; diphtheria 20.
HAMBURG (State)	406,104	"	20	342	236	30·3	Whooping - cough 5; diphtheria and croup 6.
DRESDEN - -	207,845	"	20	118	106	26·5	Scarlet fever 2; diphtheria and croup 2.
BRESLAU - -	267,000	"	27	197	192	37·5	—
MUNICH - -	222,000	"	27	191	163	38·0	Diphtheria and croup 6.
VIENNA - -	727,271	"	27	608	441	31·5	Small-pox 7; diphtheria 16.
BUDA-PESTH -	319,530	"	20	250	288	46·9	Scarlet fever 10; small-pox 3.
ROME - -	282,214	"	13	-	-	-	—
NAPLES - -	457,407	"	8	-	-	-	—
TURIN - -	227,843	"	20	129	164	37·6	Typhus and typhd. fev. 8; diphtheria and croup 5.
VENICE - -	139,796	"	20	47	88	32·8	Diphtheria and croup 2.
ALEXANDRIA -	212,034	"	18	151	179	44·0	Whooping-cough 9.
NEW YORK -	1,083,871	"	6	-	509	24·4	Scarlet fever 23; diphtheria 23.
BROOKLYN -	549,438	"	6	-	170	16·1	Scarlet fever 5; diphtheria 9.
PHILADELPHIA -	876,118	"	13	-	304	18·1	Scarlet fever 12; diphtheria 9.
BOSTON - -	363,000	"	6	-	142	20·3	Diphtheria 11.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 4th MAY, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.	Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Difference. Greatest.	Difference. Least.	Difference. Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure on square foot. Greatest.	Osler's. Pressure. Least.	Osler's. Pressure. Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
APRIL.		in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN. . 28	Apogee. In Equator	29·988	60·4	39·6	20·8	49·3	41·5	125·1	37·1	55·3	52·8	7·8	15·4	0·0	+ 0·4	74	ESE.	E.	1·4	0·0	0·1	201	− 69	0·00	15·8
MON. . 29	..	29·705	64·9	43·8	21·1	53·4	46·2	123·5	38·2	55·3	53·3	7·2	14·2	2·0	+ 4·3	77	E.	E.	1·4	0·0	0·1	235	− 47	0·08	19·0
TUES. . 30	..	29·467	69·7	49·4	20·3	58·1	52·0	123·8	48·0	55·8	53·8	6·1	14·4	2·5	+ 8·7	80	ENE. SE. & SW.	SW.	0·8	0·0	0·1	221	− 62	0·20	13·0
MAY.																									
WED. . 1	..	29·473	67·2	52·7	14·5	58·7	52·4	126·5	48·0	56·5	54·3	6·3	13·1	1·6	+ 8·9	80	SW. S. & SSE.	S. & SW.	0·4	0·0	0·0	139	−139	0·38	19·0
THURS. 2	New	29·747	70·1	48·4	21·7	58·2	52·9	125·0	42·7	57·3	55·3	5·3	13·9	0·0	+ 8·1	83	WSW.	WSW. & W.	0·8	0·0	0·0	221	− 47	0·00	0·0
FRI. . 3	..	29·849	67·7	49·7	18·0	56·8	50·0	118·1	43·0	58·3	55·6	6·8	14·2	0·0	+ 6·4	78	SW. & WSW.	WSW.	1·2	0·0	0·1	262	+ 5	0·00	5·0
SAT. . 4	..	29·918	65·8	45·4	20·4	54·3	43·5	120·8	40·0	59·1	56·1	10·8	18·7	0·4	+ 3·5	67	WSW.	NW. & SW.	0·9	0·0	0·0	219	− 31	0·00	3·0
MEANS .	..	29·735	66·5	47·0	19·5	55·5	48·4	123·3	42·4	56·8	54·5	7·2	14·8	0·9	+ 5·8	77	SW. & E.		..	..	..	Sum 1498	Sum −390	Sum 0·66	10·7
No. of Col.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. APRIL.	Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY . 28	The electrical apparatus was not in action throughout the week.	9·7	14·6	A very fine day. The amount of cloud was small Part of a solar halo seen at 5h. P.M.
MONDAY . 29		1·6	14·7	Generally cloudy till 2h. P.M.; overcast afterwards. Rain fell throughout the afternoon and evening.
TUESDAY . 30		4·3	14·7	Rain fell frequently during the morning; fine and partially cloudy afterwards. Lightning at night.
MAY.				
WEDNESDAY 1		3·3	14·8	Showery in morning; fine but cloudy in afternoon; overcast with rain at night. Lightning and thunder about 7h. P.M.
THURSDAY . 2		5·4	14·8	Fine; partially cloudy.
FRIDAY . 3		2·6	14·9	Generally overcast till afternoon; partially broken in afternoon; overcast at night.
SATURDAY . 4		8·9	14·9	Fine; partially cloudy.
..	..	Sum 35·8	Sum 103·4	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and − "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
13th May 1878.

United Kingdom.

During last week 6061 *births* and 3507 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality from all causes was at the average rate of 22 deaths annually in every 1000 persons living. The annual death-rate was 22 per 1000 in Edinburgh, and 23 in Glasgow.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Norwich 13, Brighton 13, Hull 16, Leicester 16, Wolverhampton 16, Birmingham 18, Nottingham 20, London 20, Bristol 21, Newcastle-upon-Tyne 22, Leeds 22, Salford 22, Sheffield 23, Plymouth 23, Liverpool 25, Portsmouth 25, Bradford 27, Oldham 28, Sunderland 29, and the highest rate 30 in Manchester. The annual death-rate from the seven principal zymotic diseases averaged 3·5 per 1000 in the twenty towns, and ranged from 1·0 and 1·2 in Brighton and Norwich, to 7·7 and 8·5 in Wolverhampton and Plymouth. Measles showed fatal prevalence in Plymouth, whooping-cough in Wolverhampton, and scarlet fever in Sheffield. Small-pox caused 56 deaths in London and its suburban districts, but not one in any of the nineteen large provincial towns.

London.

In London 2443 births and 1383 deaths were registered. Allowing for increase of population, the births exceeded by 51, whereas the deaths were 91 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the four preceding weeks had steadily declined from 27·6 to 22·5 per 1000, further fell last week to 20·2, a lower rate than has prevailed in any week since the beginning of October last.

The 1383 deaths included 48 from small-pox, 33 from measles, 24 from scarlet fever, 9 from diphtheria, 110 from whooping-cough, 14 from different forms of fever, and 7 from diarrhœa; thus to the seven principal diseases of the zymotic class 245 deaths were referred, against numbers declining from 346 to 295 in the four preceding weeks. These 245 deaths were, however, 9 above the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 3·6 per 1000. The fatal cases of whooping-cough further declined to 110, but exceeded the corrected average weekly number by 41, and included 42 in the South and 19 in the East groups of districts; 7 occurred in Kensington and Paddington, 5 in Westminster, 6 in St. Luke's, 7 in Bethnal Green, 7 in Newington, 9 in Southwark, 8 in Lambeth, and 6 in Camberwell. Seven of the 33 deaths from measles occurred in Wandsworth disirict; and 4 fatal cases of scarlet fever were returned in Newington. Diphtheria caused 3 deaths in Hackney. The deaths referred to fever, which had been 24 and 29 in the two previous weeks, declined to 14 last week, and were 15 below the corrected weekly average; one was certified as typhus, 8 as enteric or typhoid, and 5 as simple continued fever. The fatal case of typhus was recorded in the Stockwell Fever Hospital, and was of a labourer, aged 20 years, who had resided at 36, Hale Street, Deptford. The deaths of infants under one year of age referred to diarrhœa were but 5, against 18 in the preceding week.

The deaths from small-pox, which had been 80, 63, and 60 in the three preceding weeks, further declined to 48 last week; 31 were recorded in the Metropolitan Asylum Hospitals, one in the Highgate Small-pox Hospital, and 16 in private dwelling-houses. Six of the deceased small-pox patients had resided in Islington, 4 in Hackney (3 of whom died in private houses), 4 in Southwark and 4 in Lambeth. Of the 48 fatal cases of small-pox in London last week, 21 were certified as unvaccinated (including 10 of children under five years of age), and 13 as vaccinated; in the remaining 14 cases (of which 9 occurred in private practice) the

medical certificates did not give any information as to vaccination. Two children of a farrier, at 20, Upper Green Street, Southwark, aged respectively 2 years, and 6 months, died from small-pox on 7th instant.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which had been 824 and 834 at the end of the two previous weeks, were 829 on Saturday last; the number of new cases admitted during the week was 167, against 261, 228, 191, and 200 in the four preceding weeks. The Highgate Small-pox Hospital contained 49 patients on Saturday last, against 56 at the end of the previous week; 16 new cases were admitted during the week.

The deaths referred to diseases of the respiratory organs, which in the four preceding weeks had declined from 497 to 284, further fell last week to 225, and were 40 below the corrected weekly average; 112 resulted from bronchitis, and 71 from pneumonia.

Different forms of violence caused 66 deaths; 56 were the result of negligence or accident, including 22 from fractures and contusions, 4 from burns and scalds, 11 from drowning, 3 from poison, and 10 of infants under one year of age from suffocation. The death of a tallow-melter in Bow on 11th instant was referred to "mercurial salivation." The 22 deaths from fractures and contusions were thus caused:—males aged 8 and 71, run over by carts; male 7, run over by omnibus; female 2, run over by tram-car; male 50, run over (vehicle not stated); male 58, fell from van; male 33, thrown from cart; male 3, knocked down by horse; male 28, run over on District Railway; male 85, run over, at Putney, on South-western Railway; male 35, struck by "coal tank"; male 30, fell from window; male 52, fell from scaffold; female 6, fell on stairs; male 8, fell from swing; male 45, fell from barge; male 66, fell in walking; male 9 months, by fractured thigh; males 14 and 39, by fractured skulls; male 54, by fall of bale upon him; and male 8 months, blow on head. An inquest was held in each of these 22 cases.

Eleven deaths were referred to alcoholism; these exceeded the corrected average by 9, and included 7 from delirium tremens and 4 from intemperance.

In the large Public Institutions 264 deaths were recorded, or 19 per cent. of the total deaths; of these 162 occurred in Workhouse Establishments, 101 in Hospitals, and one in Lunatic Asylums.

Greater London.

In Greater London 3058 births and 1660 deaths were registered, equal to annual rates of 35·9 and 19·5 per 1000 of the population. In the Outer Ring 8 fatal cases of small-pox were registered, of which 3 occurred in West Ham, 3 in Stratford, one in Kingston, and one in Barnet.

Dr. Frankland reports as the result of his analyses of the waters supplied to the Metropolis and some of its suburbs during April, that taking the average amount of organic impurity in a given volume of the Kent Company's water during the nine years, ending December 1876, to represent unity, the proportional amount of such impurity in an equal volume of water supplied by each of the other Companies, and by the Tottenham Local Board, was:—Colne Valley 1·3, Kent 1·3, New River 1·7, East London 2·7, West Middlesex 3·0, Lambeth 3·1, Grand Junction 3·1, Southwark 3·8, and Chelsea 3·8. The waters drawn from the Thames and Lea showed a marked improvement upon those supplied during March, and all the samples had been efficiently filtered before delivery. The Colne water was softened previously to delivery; the softest water supplied by any of the other Companies was three times as hard as the Colne water.

Dr. Hill, Medical Officer of Health, reports that the water supplied to Birmingham was inferior in purity to the samples examined in February and March. Dr. Mills reports that the Loch Katrine water supplied to Glasgow, "contained muddy particles."

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 45, Bombay 43, Madras 48; Paris 26; Geneva 27; Brussels 27; Amsterdam 26, Rotterdam 27, The Hague 26; Copenhagen 24; Stockholm 30; Christiania 17; St. Petersburgh 63; Berlin 31, Hamburg 29, Dresden 24, Breslau 32, Munich 32; Vienna 33, Buda-Pesth 50; Rome 33, Turin 32, Venice 32; Alexandria 35; New York 24, Brooklyn 18, Philadelphia 19, and Boston 19. The 807 deaths in St. Petersburgh included 142 from typhus and typhoid fever. Cholera caused 87 deaths in Calcutta, and 32 in Bombay.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·59 in., the highest reading was 29·95 in. at the beginning of the week, and the lowest 29·41 in. on Saturday morning. The mean temperature of the *air* was 56°·7, and 5°·2 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed an excess on each day of the week; on Wednesday the mean was 52°·2, and only 0°·6 above the average, while on Saturday it was 59°·0, and in excess by 7°·8. The lowest night temperature was 44°·4 on Sunday, and the highest day temperature in the shade 69°·1 on Saturday; the extreme range in the week was, therefore, 24°·7. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 137°·8 on Saturday. The difference between the mean *dew-point* and *air* temperature averaged 6°·7. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police ship, was 58°·7. The mean degree of *humidity* of the air was 79, complete saturation being represented by 100; the air was therefore of an average dryness. The direction of the *wind* was variable, and the horizontal movement of the air averaged 9·1 miles per hour, which was 1·0 below the average in the corresponding week of 16 years. *Rain* fell on six days of the week, to the aggregate amount of 2·10 inches. The duration of registered sunshine in the week was 33·5 hours, the sun being above the horizon during 106·2 hours; the recorded duration of sunshine was, therefore, equal to 32 per cent. of its possible duration.

According to a return furnished by the Engineer of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness, was 372,846 cubic metres, equivalent to about as many tons by weight.

The Registrar General has to acknowledge the courtesy of the London Water Companies who have furnished him with the average daily quantity of Water supplied during the month of April 1878; according to their returns 118,335,453 gallons or 537,652 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 217 gallons (98·6 decalitres), rather less than a *ton* by weight, to each house, and 30·6 gallons (13·9 decalitres) to each person, against 29·9 gallons during April 1877.

Companies.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons (including that for Manufactures and for various purposes other than for domestic consumption) during the Month of	
	April 1877.	April 1878.	April 1877.	April 1878.
Total Supply . . .	532,166	544,381	113,059,770	118,335,453
From Thames	249,548	256,903	57,103,563	59,302,563
From Lea and from other Sources . .	282,618	287,478	55,956,207	59,032,890
Thames.				
Chelsea	28,741	29,014	7,163,300	8,182,300
West Middlesex	49,035	50,562	9,814,214	9,300,265
Southwark and Vauxhall . . .	77,880	80,375	17,250,000	18,200,000
Grand Junction	37,683	38,462	10,815,049	10,693,898
Lambeth	56,209	58,490	12,061,000	12,926,100
Lea and other Sources.				
New River	125,219	126,563	24,368,000	26,315,000
East London	111,967	115,143	24,908,780	25,576,590
Kent	45,432	45,772	6,679,427	7,141,300

Note.—The Return for April 1878, as compared with that for the corresponding month of 1877, shows an increase of 12,215 houses, and of 5,275,683 gallons of water supplied daily.

Analysis of Metropolitan Water Supply during April.

Royal College of Chemistry, South Kensington Museum,
4th May, 1878.

Sir,

I have to report to you in the following Table the results of the chemical analysis of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of April.

I append, also, the results obtained in the analyses of the water supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the nine years ending December 1876 as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies was:—Colne Valley 1·3, Kent 1·3, New River 1·7, East London 2·7, West Middlesex 3·0, Lambeth 3·1, Grand Junction 3·1, Southwark 3·8, and Chelsea 3·8.

The water abstracted from the Thames and Lea by seven out of the eight Companies supplying the Inner Circle exhibited a marked improvement when compared with the corresponding samples collected in March. It was also in all cases efficiently filtered before delivery.

The water supplied by the Kent and Colne Valley Companies, was bright, wholesome, palatable, and of its usual excellent quality. The softest water supplied by other Companies was three times as hard as that delivered by the Colne Valley Company. All hard water *must* be softened before it can be used for washing linen; when it is softened in detail by the laundress. the operation costs, for an equal volume of water, at least eighty times as much as it costs when performed upon a large scale by a water company.

Seen through a stratum two feet deep, the water supplied by the Kent and Colne Valley Companies, was clear and colourless; the New River Company's water was clear and nearly colourless; that delivered by the Chelsea, West Middlesex, Southwark, Lambeth, and East London Companies, clear and very pale yellow; and that by the Grand Junction Company, clear and very pale yellowish brown.

Dr. Hill, the Medical Officer of Health for Birmingham, reports that the water supplied to that town in April "was less pure than the two samples collected in February and March, and was much like the one examined in January."

Dr. Mills, F.R.S., of Anderson's College, Glasgow, reports that the water supplied to that city from Loch Katrine was "pale brown and contained muddy particles with a few fibres."

I am, &c.

The Registrar General, &c. &c. E. FRANKLAND.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

Companies or Local Authorities.	Date and Place of Collection.	Temperature in centigrade degrees.	Total Solid Matters.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Nitrates and Nitrites.	Total combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle. — THAMES:		°								
Chelsea	8th April, Cab Rank, Horse Guards.	6·7	26·74	·188	·036	0	·206	·242	1·5	20·6
West Middlesex	8th April, Cab Rank, Portland-road.	7·0	25·62	·142	·034	0	·230	·364	1·6	21·2
Southwark	8th April, Cab Rank, St. George's Church, Borough.	7·5	26·10	·176	·046	0	·219	·265	1·5	20·6
Grand Junction	8th April, Lancaster-gate, Hyde Prk.	4·8	26·82	·145	·037	0	·201	·238	1·5	20·6
Lambeth	8th April, Cab Rank, Westminster Bridge-road.	7·0	28·06	·152	·028	0	·163	·191	1·6	20·6
Inner Circle. — OTHER SOURCES:										
New River	8th April, Cab Rank, Tottenham-court-road.	7·0	25·12	·072	·028	0	·288	·316	1·6	20·0
East London	8th April, Royal Hotel, Mile-End-rd.	7·3	30·18	·128	·030	0	·245	·275	1·8	21·2
Kent	9th April, Deptford Bridge Police Station.	11·3	39·92	·059	·019	0	·464	·483	2·5	27·8
Outer Circle. — Colne Valley	4th April, Bushey.	8·8	13·94	·054	·021	0	·336	·357	1·4	6·7
Outer Circle. — Tottenham Local Board	—	–	–	–	–	–	–	–	–	–
Corporation of Birmingham*	10th April, 19 Court, Lancaster-street.	6·7	24·30	·303	·047	·002	·321	·369	1·9	13·8
Corporation of Glasgow †	16th April, Loch Katrine service.	7·5	3·20	·130	·020	0	·005	·025	·55	1·27
Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

* Analysed by Dr. Alfred Hill, Medical Officer of Health and Analyst to the Borough.
† Analysed by Dr. E. J. Mills, F.R.S., of Anderson's College, Glasgow.

The numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11, all relate to 100,000 parts of the waters. The Table is to be read thus: the Chelsea Company's water, collected on the 8th April at the Horse Guards cab-rank, had a temperature of 6°·7 C.; 100,000 lbs. of it contained 26·74 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·188 lb. of carbon and ·036 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·206 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of *combined* nitrogen in every form was ·242 lb. The above weight of water also contained 1·5 lbs. of chlorine; and 20·6 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 11th May, 1878.

CITIES AND BOROUGHS. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 11th May, 1878. BIRTHS.	DEATHS.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL. In Inches.	In Centimetres.
In 23 TOWNS in the UNITED KINGDOM	220,845	8,373,953	37·9	6061	3507	71·8	33·5	52·0	11·11	1·41	3·58
LONDON	75,362	3,577,304	47·5	2443	1383	69·1	44·4	56·7	13·72	2·10	5·33
BRIGHTON	2,354	103,923	44·1	49	26	68·7	43·0	54·8	12·67	0·79	2·01
PORTSMOUTH	4,486	129,461	28·9	92	62	–	–	–	–	–	–
NORWICH	7,472	84,620	11·3	61	21	69·0	43·0	52·7	11·50	1·51	3·84
PLYMOUTH	1,395	73,599	52·8	45	33	62·5	41·0	52·7	11·50	1·25	3·17
BRISTOL	4,452	206,419	46·4	127	84	70·1	35·6	53·7	12·06	1·61	4·09
WOLVERHAMPTON	3,396	74,240	21·9	63	23	66·6	38·8	51·3	10·73	3·36	8·53
BIRMINGHAM	8,400	383,117	45·6	337	129	–	–	–	–	–	–
LEICESTER	3,200	121,473	38·0	101	37	71·8	41·8	53·6	12·01	2·05	5·21
NOTTINGHAM	9,960	165,267	16·6	109	62	70·6	38·9	52·5	11·39	1·62	4·11
LIVERPOOL	5,210	532,681	102·2	464	251	66·6	43·2	52·4	11·33	1·36	3·45
MANCHESTER	4,293	360,514	84·0	304	209	–	–	–	–	–	–
SALFORD	5,170	170,251	32·9	133	73	71·5	37·5	51·5	10·84	1·27	3·23
OLDHAM	4,666	107,366	23·0	98	57	–	–	–	–	–	–
BRADFORD	7,220	185,088	25·6	132	95	67·6	41·0	50·7	10·39	0·79	2·01
LEEDS	21,572	304,948	14·1	256	128	67·0	42·0	51·1	10·62	0·91	2·31
SHEFFIELD	19,651	289,537	14·7	193	128	68·0	41·0	50·4	10·22	1·69	4·29
HULL	3,635	143,139	39·4	118	43	67·0	43·0	49·9	9·94	1·00	2·54
SUNDERLAND	3,306	112,459	34·0	92	62	68·0	44·0	49·8	9·89	0·73	1·85
NEWCASTLE-ON-TYNE	5,371	144,570	26·9	97	60	–	–	–	–	–	–
EDINBURGH	4,191	222,371	53·1	153	93	71·5	33·5	49·8	9·89	0·98	2·49
GLASGOW	6,033	566,940	94·0	416	251	67·5	37·7	51·0	10·56	0·94	2·39
DUBLIN	10,050	314,666	31·3	*178*‡	*197*‡	–	–	–	–	–	–

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.

† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

‡ The return from Dublin not having come to hand, averages of the numbers in recent weeks have been inserted in order to make up a total for the 23 towns.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday, the 11th May, 1878.

BOROUGHS, &c. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living. From All Causes.	From Seven Zymotic Diseases.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
In 20 TOWNS	21·3	3·5	2966	695	529	48	81	83	23	179	33	40	114	182	447
LONDON	20·2	3·6	1383	306	246	48	33	24	9	110	14	7	66	96	264
BRIGHTON	13·1	1·0	26	4	9	–	–	–	–	1	1	–	3	3	2
PORTSMOUTH	25·0	4·8	62	16	17	–	3	–	–	7	1	1	–	3	4
NORWICH	13·0	1·2	21	9	2	–	–	–	–	2	–	–	–	1	–
PLYMOUTH	23·4	8·5	33	6	5	–	6	1	1	3	1	–	1	2	–
BRISTOL	21·2	1·3	84	22	23	–	1	1	1	1	–	1	1	1	18
WOLVERHAMPTON	16·2	7·7	23	8	4	–	–	2	–	8	–	1	–	–	3
BIRMINGHAM	17·6	2·5	129	27	20	–	1	8	–	7	–	2	9	14	24
LEICESTER	15·9	1·7	37	10	7	–	–	–	–	4	–	–	–	2	4
NOTTINGHAM	19·6	1·9	62	19	12	–	–	3	–	2	–	1	–	3	10
LIVERPOOL	24·6	4·5	251	64	29	–	12	5	3	11	7	8	10	3	31
MANCHESTER	30·3	3·6	209	48	39	–	10	2	3	2	2	6	9	26	34
SALFORD	22·4	3·1	73	18	13	–	1	1	1	4	2	1	2	2	5
OLDHAM	27·7	6·8	57	19	3	–	4	6	1	1	2	–	2	3	2
BRADFORD	26·8	3·7	95	26	13	–	4	1	1	6	–	1	2	2	4
LEEDS	21·9	1·5	128	34	27	–	3	3	–	–	1	2	3	4	11
SHEFFIELD	23·1	4·5	128	24	22	–	–	18	1	4	–	2	1	2	12
HULL	15·7	1·8	43	9	13	–	–	–	–	2	–	3	1	1	6
SUNDERLAND	28·8	6·5	62	13	11	–	3	2	2	3	1	3	–	–	2
NEWCASTLE-ON-TYNE	21·7	3·2	60	13	14	–	–	6	–	1	1	1	4	4	11
DUBLIN	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the NINETEENTH Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2256	2012	2179	2071	2123	2192	2285	2346	2509	2378	2235·1	2443
Males . .	1154	1024	1156	1048	1117	1102	1182	1148	1256	1202	1138·9	1226
Females .	1102	988	1023	1023	1006	1090	1103	1198	1253	1176	1096·2	1217
TOTAL **Deaths**	1340	1279	1426	1341	1250	1355	1288	1427	1457	1613	1377·6	1383
Males . .	705	679	731	716	647	669	714	730	775	829	719·5	727
Females .	635	600	695	625	603	686	574	697	682	784	658·1	656

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Feb. 16.	Feb. 23.	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.	May 4.	May 11.
TOTAL **Deaths** - - -	1927	1756	1637	1580	1526	1676	1766	1877	1895	1773	1661	1545	1383
0—20 - -	896	839	823	807	767	854	899	900	954	899	876	775	709
20—40 - -	246	212	202	216	196	198	214	230	234	241	218	235	213
40—60 - -	331	263	254	249	245	283	296	346	293	279	286	240	215
60—80 - -	376	358	297	260	257	276	295	323	343	295	232	252	206
at 80 years & upwds.	78	84	61	48	61	65	62	78	71	59	49	43	40
Deaths of children: Under 1 year -	412	397	381	370	352	386	390	381	415	379	394	371	306
Deaths of children: 1—5 - -	340	326	333	331	301	351	368	402	403	375	357	286	296
Deaths of children: 5—20 - -	144	116	109	106	114	117	141	117	136	145	125	118	107
Deaths from 7 principal Zymotic Diseases	295	257	288	259	243	277	339	319	346	323	305	295	245
" " Small-pox -	47	39	54	34	53	42	48	55	58	80	63	60	48
" " Measles - -	43	40	41	46	32	34	35	30	40	31	38	29	33
" " Scarlet fever -	32	34	35	35	28	22	47	42	36	37	22	27	24
" " Diphtheria -	5	9	8	7	6	13	12	8	9	8	11	10	9
" " Whooping-cough	124	100	112	102	84	124	158	146	157	123	136	117	110
" " Typhus fever -	2	5	5	6	9	2	3	4	4	3	3	5	1
" " Enteric (or Typhoid) fever -	24	16	18	17	16	25	23	20	23	14	15	19	8
" " Simple Cont^d fever	4	3	4	5	2	2	2	5	5	9	6	5	5
" " Diarrhœa - -	14	11	11	7	13	13	11	9	14	18	11	23	7
" " Simple Cholera -	–	–	–	–	–	1	–	–	1	–	–	1	–
" " Dis. of Respiratory Organs -	544	475	413	362	340	402	421	474	497	398	345	284	225
" " Phthisis - -	199	168	156	162	174	154	169	208	182	188	174	189	139
" " Heart Diseases -	112	108	94	75	86	89	118	111	106	88	71	70	74
Violent Deaths - - -	61	60	48	51	35	53	57	39	49	75	64	60	66
Inquest Cases - - -	127	115	106	96	72	98	118	102	99	124	100	101	96
Deaths in Public Institutions	387	353	290	293	294	333	334	358	333	360	334	307	264
TEMPERATURE OF THE AIR:													
Mean - - - - -	42°·6	46°·5	48°·7	46°·6	40°·5	43°·3	35°·5	40°·4	46°·0	51°·5	51°·2	55°·5	56°·7
Mean of Highest readings -	48·0	52·7	53·4	53·1	48·3	50·5	44·6	50·3	54·1	61·0	61·6	66·5	66·6
Mean of Lowest readings -	36·4	41·5	44·4	41·3	33·7	37·3	29·1	31·8	38·0	44·4	44·0	47·0	48·3
Mean Temperature of the Water of the Thames -	39·6	45·1	47·0	49·1	47·0	45·7	44·0	41·4	44·7	50·0	53·5	55·7	58·7
Humidity of the Air - -	91	83	81	72	74	75	76	78	75	85	80	77	79
Rain-fall in inches - -	0·80	0·03	0·34	0·00	0·09	0·00	0·71	0·38	2·85	0·73	0·20	0·66	2·10
Registered Sunshine (in hours)	8·2	15·8	4·2	19·4	19·1	9·9	18·2	34·6	45·4	17·9	40·6	35·8	33·5

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the NINETEENTH Week of the Year 1878.

CAUSES OF DEATH.	Average in the Nineteenth Weeks of the 10 years 1868–77.*	In the Week ending Saturday, May 11, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
Mean Temperature	49·9°	56·7°							
ALL CAUSES	1377·6	1383	306	296	107	213	215	206	40
SPECIFIED CAUSES	1372·0	1381	305	296	107	213	214	206	40
I. ZYMOTIC.									
ORDER 1.									
Small-pox	37·9	48	8	8	13	15	3	1	-
Measles	35·6	33	12	21	-	-	-	-	-
Scarlet Fever	34·7	24	-	15	7	1	1	-	-
Diphtheria	6·1	9	3	3	1	1	1	-	-
Quinsy	1·0	1	-	-	-	1	-	-	-
Croup	11·9	8	1	6	1	-	-	-	-
Whooping-cough	64·9	110	44	64	2	-	-	-	-
Typhus	27·1 (Enteric or Typhoid Fev.; Simple continued Fev.)	1	-	-	-	1	-	-	-
Enteric or Typhoid Fev.		8	-	4	2	2	-	-	-
Simple continued Fev.		5	-	2	3	-	-	-	-
Erysipelas	7·3	1	1	-	-	-	-	-	-
Puerperal Fev. (Metria)	3·5	3	-	-	-	2	1	-	-
Carbuncle	1·0	-	-	-	-	-	-	-	-
Influenza	·5	-	-	-	-	-	-	-	-
Dysentery	1·4	2	-	-	-	-	1	1	-
Diarrhœa	14·6	7	5	1	-	-	1	-	-
Simple Cholera	·1	-	-	-	-	-	-	-	-
Ague	·5	-	-	-	-	-	-	-	-
Remittent Fever	·1	-	-	-	-	-	-	-	-
Rheumatism	6·5	6	-	-	1	4	1	-	-
Other *Zymotic* Diseases	·6	1	1	-	-	-	-	-	-
ORDER 2.									
Syphilis	7·7	5	2	1	-	1	1	-	-
Stricture of Urethra	1·5	-	-	-	-	-	-	-	-
Hydrophobia	—	-	-	-	-	-	-	-	-
Glanders	—	-	-	-	-	-	-	-	-
ORDER 3.									
Privation	·1	-	-	-	-	-	-	-	-
Want of Breast-milk	8·2	5	5	-	-	-	-	-	-
Purpura and Scurvy	2·7	6	2	4	-	-	-	-	-
Alcoholism: *a* Del. Tremens	1·1	7	-	-	-	5	2	-	-
Alcoholism: *b* Intemperance	1·2	4	-	-	-	3	1	-	-
ORDER 4.									
Thrush	2·7	2	2	-	-	-	-	-	-
Worms, &c.	·1	-	-	-	-	-	-	-	-
CONSTITUTIONAL.									
ORDER 1.									
Gout	3·2	4	-	-	-	-	-	4	-
Dropsy	8·8	12	1	1	1	1	2	6	-
Cancer	36·8	48	-	-	-	4	24	19	1
Cancrum Oris (Noma)	·5	-	-	-	-	-	-	-	-
Mortification	2·9	3	-	-	-	1	1	1	-
ORDER 2.									
Scrofula	10·1	17	3	12	1	-	-	1	-
Tabes Mesenterica	21·9	12	6	6	-	-	-	-	-
Phthisis	182·1	139	3	3	18	68	38	9	-
Hydrocephalus	30·4	47	11	30	5	1	-	-	-
III. LOCAL.									
ORDER 1.									
Cephalitis	20·0	30	4	16	5	3	-	2	-
Apoplexy	39·0	32	-	3	1	3	12	13	-
Paralysis	30·7	31	-	1	-	2	7	18	3
Insanity	1·1	1	-	-	-	1	-	-	-
Chorea	·3	-	-	-	-	-	-	-	-
Epilepsy	6·1	7	-	-	1	3	3	-	-
Convulsions	51·5	61	41	18	2	-	-	-	-
Brain Disease, &c.	17·9	20	1	2	3	3	1	8	2
ORDER 2.									
Pericarditis	2·2	1	-	-	1	-	-	-	-
Aneurism	3·4	1	-	-	-	1	-	-	-
Heart Disease, &c.	74·2	72	1	1	5	20	24	20	1
ORDER 3.									
Laryngitis	8·0	12	8	3	-	1	-	-	-
Bronchitis	136·2	112	20	23	-	4	21	36	8
Pleurisy	2·9	8	-	2	-	3	2	1	-
Pneumonia	75·6	71	11	22	3	9	18	6	2
Asthma	8·2	5	-	-	-	2	-	3	-
Lung Disease, &c.	16·7	17	7	2	1	2	2	2	1
ORDER 4.									
1. Gastritis	1·7	2	-	-	-	1	1	-	-
2. Enteritis	4·2	10	-	1	4	2	1	2	-
3. Peritonitis	6·2	1	-	-	1	-	-	-	-
4. Ascites	1·7	-	-	-	-	-	-	-	-
5. Ulceration of Intestines	3·1	6	-	-	-	3	2	1	-
6. Hernia	2·4	5	1	-	-	-	3	1	-
7. Ileus	3·2	3	1	1	1	-	-	-	-
8. Intussusception	1·6	-	-	-	-	-	-	-	-
9. Stricture of Intestines	1·0	2	-	-	-	-	1	1	-
10. Fistula	·5	1	-	-	-	-	-	1	-
11. *Stomach Disease, &c.*	6·4	7	2	-	2	-	-	3	-
12. *Pancreas Disease, &c.*	—	-	-	-	-	-	-	-	-
13. Hepatitis	2·7	2	-	-	-	-	2	-	-
14. Jaundice	3·7	2	2	-	-	-	-	-	-
15. *Liver Disease, &c.*	21·9	27	1	-	-	8	10	7	1
16. *Spleen Disease, &c.*	·3	-	-	-	-	-	-	-	-
ORDER 5.									
1. Nephritis	2·7	5	-	1	-	2	2	-	-
2. Ischuria	·2	-	-	-	-	-	-	-	-
3. Bright's Dis. (Nephria)	11·1	7	-	-	-	3	3	1	-
4. Diabetes	2·3	2	-	-	-	-	-	2	-
5. Calculus (Stone)	1·1	2	-	1	-	-	-	1	-
6. Cystitis	1·4	-	-	-	-	-	-	-	-
7. *Kidney Disease, &c.*	7·8	12	1	-	-	3	3	5	-
ORDER 6.									
1. Ovarian Dropsy	·8	-	-	-	-	-	-	-	-
2. *Uterus Disease, &c.*	4·1	6	-	-	-	2	1	3	-
ORDER 7.									
1. Synovitis (Arthritis)	·4	-	-	-	-	-	-	-	-
2. *Joint Disease, &c.*	6·0	8	-	-	6	1	1	-	-
ORDER 8.									
1. Phlegmon	2·9	4	1	-	-	1	2	-	-
2. Ulcer	·7	2	-	-	-	-	1	1	-
3. *Skin Disease, &c.*	1·9	2	-	1	-	-	1	-	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth	19·2	20	20	-	-	-	-	-	-
2. Cyanosis	2·1	-	-	-	-	-	-	-	-
3. Spina Bifida	1·5	2	2	-	-	-	-	-	-
4. Other Malformations	1·7	1	1	-	-	-	-	-	-
5. Teething	16·1	19	10	9	-	-	-	-	-
ORDER 2.									
1. Paramenia	·2	-	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever)	5·3	9	-	-	2	5	2	-	-
ORDER 3.									
1. Old Age	44·5	38	-	-	-	-	-	18	20
ORDER 4.									
1. Atrophy and Debility	55·0	49	40	4	-	-	1	4	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	18·5	22	2	2	5	5	5	2	1
2. Wounds: Gunshot	·1	-	-	-	-	-	-	-	-
2. Wounds: Cut, Stab		-	-	-	-	-	-	-	-
3. Burns and Scalds	4·4	4	-	1	2	-	-	1	-
4. Poison	·9	3	-	-	1	2	-	-	-
5. Drowning	6·3	11	-	1	5	4	1	-	-
6. Suffocation	10·9	12	10	-	-	-	2	-	-
7. Otherwise	2·9	4	3	-	1	-	-	-	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	2·0	5	5	-	-	-	-	-	-
ORDER 4. (SUICIDE.)									
1. Wounds: Gunshot	·2	-	-	-	-	-	-	-	-
1. Wounds: Cut, Stab	1·2	2	-	-	-	1	-	1	-
2. Poison	·4	2	-	-	-	2	-	-	-
3. Drowning	1·5	-	-	-	-	-	-	-	-
4. Hanging	1·5	1	-	-	-	-	1	-	-
5. Otherwise	·3	-	-	-	-	-	-	-	-
ORDER 5. (EXECUTION.)									
1. Hanging	—	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained)	·8	1	-	-	-	-	1	-	-
Causes not specified or ill-defined	4·8	1	1	-	-	-	-	-	-

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCA
during the Week en

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,254,260	2443	1383	306	246	48	33	24	9	110	1	8	5	7	66	96
WEST DISTRICTS	561,359	385	231	48	40	8	5	4	-	18	-	2	1	1	14	25
NORTH DISTRICTS	751,729	555	325	68	68	19	9	5	5	18	-	1	1	3	14	20
CENTRAL DISTRICTS	334,369	187	120	24	18	1	2	4	2	13	-	-	1	-	8	14
EAST DISTRICTS	639,111	517	248	60	43	5	5	1	1	19	-	2	2	2	15	16
SOUTH DISTRICTS	967,692	799	459	106	77	15	12	10	1	42	1	3	-	1	15	21
WEST DISTRICTS.																
St. Mary Paddington *WH*	58728	32	16	5	2	-	-	1	-	2	-	-	-	-	3	6
St. John Paddington *H*	38085	10	12	2	1	-	-	-	-	1	-	-	-	-	-	-
Kensington Town *W*	91645	89	32	9	6	1	1	1	-	3	-	-	-	1	4	5
Brompton *H*	28654	19	8	1	2	-	-	-	-	1	-	-	-	-	-	-
St. Peter Hammersmith	6662	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith *H*	36029	41	15	2	5	-	2	1	-	-	-	-	-	-	3	3
Fulham *WwH*	23350	28	20	-	3	7	-	-	-	-	-	1	1	-	-	-
Chelsea South *HHH*	26420	26	13	2	1	-	1	-	-	2	-	-	-	-	-	-
Chelsea North-west *WHHHH*	22926	17	15	4	1	-	-	1	-	-	-	-	-	-	-	2
Chelsea North-east	21392	16	4	1	1	-	-	-	-	-	-	-	-	-	-	-
Hanover Square *H*	18698	9	3	-	1	-	-	-	-	-	-	-	-	-	-	-
May Fair *WW*	13358	5	13	3	5	-	-	-	-	-	-	-	-	-	1	2
Belgrave *HH*	57972	37	26	4	5	-	-	-	-	3	-	1	-	-	2	2
St. John Westminster *HH*	38478	15	12	2	2	-	-	-	-	2	-	-	-	-	-	1
St. Margaret Westminster *WH*	27781	11	19	4	3	-	-	-	-	3	-	-	-	-	1	4
Golden Square *WH*	12860	8	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Berwick-street *H*	20759	9	8	4	1	-	-	-	-	1	-	-	-	-	-	-
St. Anne Soho *HHHHH*	17562	4	12	4	1	-	1	-	-	-	-	-	-	-	-	-
NORTH DISTRICTS.																
All Souls Marylebone *HHHH*	28579	13	13	3	1	-	3	-	-	1	-	-	-	-	2	2
Cavendish Square *HH*	15425	3	3	1	1	-	-	-	-	-	-	-	-	-	-	1
Rectory Marylebone *WH*	26384	19	13	1	5	-	-	-	-	-	-	-	-	-	-	-
St. Mary Marylebone *HHH*	21786	19	7	1	3	-	-	-	-	1	-	-	-	-	-	-
Christchurch Marylebone *H*	33944	26	10	2	2	-	1	-	-	-	-	-	-	-	-	-
St. John Marylebone *H*	33136	12	13	2	4	1	-	-	-	3	-	-	-	-	-	-
Hampstead *WwHH*	32281	24	22	3	3	11	-	-	1	-	-	-	-	-	-	-
Regent's Park Pancras	38200	24	10	4	2	-	-	-	-	-	-	-	-	1	3	3
Tottenham-court *wHHH*	29370	17	17	1	2	-	-	-	-	1	-	-	-	-	2	4
Gray's Inn Lane *HHH*	29221	15	15	4	4	-	-	-	-	-	-	-	-	1	2	3
Somers Town	38533	24	13	2	3	-	-	-	-	1	-	-	-	-	-	-
Camden Town *WH*	17943	8	13	1	6	-	-	-	-	-	-	-	-	-	1	1
Kentish Town *w*	68198	48	29	7	5	-	1	-	-	2	-	-	-	1	1	1
Islington West *HHH*	97820	70	34	9	5	2	1	2	1	1	-	-	-	-	2	2
Islington East *WwwH*	115958	110	50	13	8	-	2	-	-	5	-	-	-	-	-	2
Stoke Newington *H*	9841	17	3	-	2	-	1	-	-	-	-	-	-	-	-	-
Stamford Hill	6598	9	5	3	2	-	-	-	-	1	-	-	-	-	-	-
West Hackney	28069	27	8	1	1	-	-	-	-	-	-	-	1	-	-	-
Hackney *WwwHL*	50104	50	31	5	5	4	-	2	2	1	-	-	-	-	1	1
South Hackney	30339	20	16	5	4	1	-	1	1	1	-	1	-	-	-	-
CENTRAL DISTRICTS.																
St. George Bloomsbury	17853	7	5	1	1	-	-	-	-	-	-	-	-	-	1	1
St. Giles South *WH*	19109	17	10	2	3	-	-	1	-	-	-	-	-	-	-	1
St. Giles North	16594	5	6	2	-	-	1	1	1	2	-	-	-	-	-	-
Long Acre	11379	7	2	1	-	-	-	-	-	1	-	-	-	-	-	-
Charing Cross *HH*	9859	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary-le-Strand	9378	6	4	2	1	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes *H*	10723	6	5	2	-	-	-	-	-	-	-	-	-	-	-	-
St. George-the-Martyr *HHHHH*	20521	14	5	-	2	-	-	-	-	-	-	-	-	-	1	2
St. Andrew Eastern *W*	13529	4	5	1	-	-	-	-	-	-	-	-	-	-	-	-
Saffron Hill *H*	9066	2	5	3	1	1	-	-	-	2	-	-	-	-	-	-
St. James Clerkenwell *W*	18917	18	4	2	-	-	-	-	-	-	-	-	-	-	-	-
Amwell Clerkenwell	16884	15	9	2	-	-	1	-	1	-	-	-	-	-	-	3
Pentonville	13337	7	4	-	1	-	-	-	-	-	-	-	-	-	-	-
Goswell-street	16242	16	5	1	-	-	-	1	-	1	-	-	-	-	1	1
Old-street *H*	12161	8	7	1	1	-	-	-	-	1	-	-	-	-	-	-
City-road *HHL*	18301	18	5	2	-	-	-	-	-	3	-	-	-	-	-	-
Whitecross-street	13792	11	3	-	2	-	-	-	-	-	-	-	-	-	-	-
Finsbury	10741	4	4	-	1	-	-	-	-	2	-	-	-	-	-	-
St. Botolph East London *H*	14540	6	6	1	1	-	-	-	-	1	-	-	1	-	-	-
Cripplegate	13638	5	2	1	-	-	-	-	-	-	-	-	-	-	1	1
St. Sepulchre *H*	7562	2	14	-	-	-	-	1	-	-	-	-	-	-	3	3
St. Bride *W*	11185	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard	4426	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch	6270	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe	4753	-	2	-	1	-	-	-	-	-	-	-	-	-	1	1
Allhallows Barking	5764	2	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Broad-street *H*	7845	1	4	-	3	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: *W*—Workhou
H—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see n
at the foot of next page.

ER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
urday, 11th May 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
lywell Shoreditch	12430	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leonard Shoreditch *HL*†	16545	10	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-
xton New Town *w*	27835	20	14	3	3	-	-	-	-	2	-	-	-	-	-	-	4
xton Old Town	26933	20	14	3	1	1	1	-	-	2	-	-	-	-	-	-	-
ggerston *WH*	43421	31	17	1	3	-	1	-	-	-	-	-	1	-	-	-	3
ckney-road *H*	29822	21	9	2	1	-	1	-	-	-	-	1	-	-	1	1	-
en, Bethnal Green *WHL*†	42433	47	21	3	3	-	-	-	-	-	-	-	-	-	3	4	8
rch, Bethnal Green	26577	22	15	5	1	-	-	-	-	4	-	-	-	1	-	-	-
vn, Bethnal Green	21272	16	7	2	-	-	-	-	-	3	-	-	1	-	-	-	-
talfields *H*	22499	20	12	3	4	-	-	-	-	2	-	-	-	-	-	-	-
e End New Town *W*	15550	16	4	-	-	-	-	-	-	-	-	1	-	-	-	-	-
itechapel North	11597	9	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
itechapel Church *H*	7322	4	7	-	1	-	-	-	-	-	-	-	-	-	1	-	7
dman's Fields	10381	8	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
gate	9224	4	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Mary St. George East	17900	10	5	2	1	-	-	-	-	-	-	-	-	1	-	-	-
Paul St. George East	21350	12	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
John St. George East *W*	8802	15	10	1	4	-	-	-	-	-	-	-	-	-	1	1	7
dwell *H*	11640	7	6	2	-	-	-	-	-	1	-	-	-	-	1	1	3
cliff	16131	10	7	3	2	-	1	-	-	1	-	-	-	-	1	1	-
ehouse	29919	30	14	7	3	-	1	-	-	-	-	-	-	-	1	2	-
e End Old Town Western	38128	36	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-
e End Old Town Eastern *WwwH*	55024	38	16	3	2	2	-	-	1	1	-	-	-	-	1	1	-
wwwH	67765	66	41	10	10	2	-	1	-	3	-	-	-	-	5	5	6
lar *WW*	48611	42	7	3	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH DISTRICTS.																	
istchurch Southwark *WH*	14573	9	10	1	4	-	-	-	-	-	-	-	-	-	-	1	4
Saviour Southwark *H*	15677	7	6	2	1	-	-	-	-	-	-	-	-	-	1	1	-
t-road	20421	9	7	1	1	-	-	-	-	1	-	-	-	-	-	-	-
ough-road *WH*	16695	14	8	3	-	2	-	-	-	2	-	-	-	-	-	-	-
don-road *HL*	18961	10	11	1	-	-	-	-	-	-	-	-	-	-	1	1	-
ity Newington	23682	9	7	3	-	-	-	-	-	5	-	-	-	-	-	-	-
Peter Walworth *W*	48248	50	34	4	9	-	1	2	-	1	-	1	-	-	1	1	13
Mary Newington	16792	16	6	2	1	-	-	2	-	1	-	-	-	1	-	2	-
Olave Southwark *H*	4373	2	12	1	1	-	-	-	-	-	-	-	-	-	4	5	11
John Horsleydown *W*	10500	7	5	3	-	-	-	-	-	1	-	-	-	-	1	1	-
ther Market	16787	17	3	1	-	-	-	-	-	1	-	-	-	-	-	-	-
Mary Magdalen *W*	15709	12	8	1	1	-	-	-	-	1	-	-	-	-	-	-	2
James Bermondsey	47933	46	21	3	3	-	-	-	-	2	-	-	-	-	-	-	-
nerhithe *W*	27096	27	12	1	1	-	-	2	-	1	-	-	-	-	-	-	-
erloo-road 1st *H*	14074	10	5	2	-	-	-	-	-	1	-	-	-	-	-	-	-
erloo-road 2nd *H*	18465	11	4	2	-	-	-	-	-	1	-	-	-	-	-	-	-
beth Church 1st *H*	19492	10	7	1	1	-	-	-	-	-	-	-	-	-	-	-	6
beth Church 2nd *WW*	35833	34	24	5	6	-	-	-	-	-	-	-	-	-	-	-	11
nington 1st	41286	36	13	2	1	-	-	-	-	3	-	-	-	-	-	-	-
nington 2nd	31221	20	14	6	1	-	-	1	-	2	-	-	-	-	-	-	-
ton *w*	35435	27	21	1	4	7	-	-	-	1	1	-	-	-	-	-	9
wood *W*	12536	11	4	1	1	-	-	-	-	-	-	-	-	-	-	1	-
bham *H*	27347	33	15	3	3	1	1	-	-	3	-	-	-	-	-	-	-
ersea *Ww*	54016	64	33	8	6	-	4	1	-	2	-	-	-	-	2	2	5
ndsworth *HL*	19783	18	8	1	5	-	-	-	-	-	-	-	-	-	1	1	-
ney	9439	4	5	3	-	-	1	-	-	-	-	-	-	-	1	1	-
atham	14475	5	5	2	1	-	1	-	-	-	-	-	-	-	-	-	-
wich	4041	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
berwell *WL*†*L*†	31254	32	15	3	2	-	1	-	-	-	-	1	-	-	1	1	6
kham *W*	42160	40	25	11	5	-	-	-	-	2	-	-	-	-	-	-	-
George Camberwell	33851	36	21	4	3	-	-	1	-	4	-	-	-	-	-	-	-
Paul Deptford *w*	53714	52	26	8	4	5	-	-	1	1	-	1	-	-	-	-	5
Nicholas Deptford	6474	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
nwich West	21034	14	6	1	2	-	-	-	-	-	-	-	-	-	1	1	-
nwich East *WH*	19378	10	13	1	3	-	-	-	-	1	-	-	-	-	1	1	4
am *H*	4539	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	16440	8	4	-	-	-	-	1	-	-	-	-	-	-	-	1	-
isham Village *WH*	11513	18	6	2	2	-	-	-	-	-	-	-	-	-	-	-	1
nham *H*	19065	16	10	4	-	-	-	-	-	3	-	-	-	-	-	-	-
lton *H*	9564	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	3
lwich Dockyard	17226	7	2	2	-	-	-	-	-	1	-	-	-	-	-	-	-
lwich Arsenal *WHH*	18331	13	5	2	-	-	-	-	-	1	-	-	-	-	-	-	1
nstead West	13027	10	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
nstead East *W*	15232	11	11	3	2	-	3	-	-	-	-	-	-	-	-	-	5

e following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the e Table by *w*:—

entral London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
olborn Infirmary " " "
London City Workhouse " Hackney sub-district.
olborn " " Hoxton New Town sub-district.
hitechapel " " Mile End Old Town Eastern sub-dist.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON — OUTER RING. — AREA; POPULATION; BIRTHS and DEATHS registered durin
Week ending Saturday, 11th May 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
	LONDON—OUTER RING	368,414	631,381	615	277	57	74	8	3	4	4	10	4	3	14	19
29 : 1	Carshalton *wL* - - -	12228	13523	13	11	1	2	-	-	-	1	-	1	-	1	1
2	Epsom (*part of*) * *WH* -	9971	9145	5	5	2	1	-	-	-	-	-	-	-	-	-
36 : 1	Godstone (*part of*) * - -	2754	900	-	1	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	75	34	8	10	-	-	-	1	2	-	2	4	5
2	Mitcham *WH* - - -	11697	12534	9	3	-	1	-	-	-	-	-	-	-	-	-
38 : 1	Wimbledon *HH* - - -	3220	9087	5	3	2	-	-	-	-	-	-	-	-	-	-
2	Kingston *WH* - - -	8549	27489	21	11	2	4	1	-	-	-	1	-	-	-	-
3	Esher (*part of*) * - -	6601	7353	11	5	1	1	-	-	-	-	-	-	-	3	3
4	Hampton - - - -	4573	10185	8	4	1	1	-	-	-	-	-	-	-	-	-
39 : 1	Richmond *WH* - - -	2271	16829	12	7	-	3	-	-	-	-	-	-	-	-	-
2	Mortlake - - - -	2961	9316	6	2	1	-	-	-	-	-	-	-	-	-	-
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	16	3	1	-	-	-	-	-	-	-	-	-	-
2	Chislehurst (*part of*) * *W* -	13665	10028	15	7	2	2	-	-	-	-	1	-	-	-	-
41 : 1	Bexley *H* - - - -	13439	19566	23	5	1	1	-	-	-	-	-	-	-	-	-
123 : 1	Sunbury *W* - - -	11055	9860	8	4	-	-	-	-	-	-	-	-	-	-	-
2	Staines *W* - - - -	13277	10339	6	8	-	2	-	-	-	-	-	-	-	-	-
124 : 1	Hillingdon *WH* - - -	6029	9712	7	5	-	4	-	-	-	-	-	-	-	-	-
2	Uxbridge - - - -	6178	5329	5	1	1	-	-	-	-	-	-	-	-	-	-
3	Hayes *WL* - - - -	14587	10497	2	6	1	3	-	-	-	-	-	-	-	1	2
125 : 1	Isleworth *W* - - -	7008	19930	9	4	-	2	-	-	-	-	-	-	-	-	-
2	Twickenham - - -	2477	10533	11	1	-	-	-	-	-	-	-	-	-	-	-
3	Brentford *HL* - - -	4370	20279	21	13	4	-	-	1	-	-	3	1	-	2	4
4	Chiswick - - - -	1311	8508	12	5	1	-	-	-	-	-	-	-	-	-	-
5	Acton *WH* - - - -	6087	12683	13	4	1	-	-	-	-	-	-	-	1	-	-
126 : 1	Harrow *H* - - - -	13809	10869	10	2	-	1	-	-	-	-	-	-	-	-	-
2	Edgware *H* - - -	6994	3450	4	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	11	6	-	2	-	1	-	-	-	-	-	-	-
4	Hendon *WH* - - -	8382	6972	2	2	1	1	-	-	-	-	-	-	-	-	-
127 : 1	South Mimms - - -	15419	5924	6	2	1	-	-	-	-	-	-	-	-	-	-
2	Barnet *W* - - - -	5423	7752	4	5	-	2	1	-	-	-	-	-	-	-	-
3	Finchley *L* - - - -	4688	11493	2	4	-	1	-	-	-		-	-	-	-	-
128 : 1	Hornsey *H* - - - -	3039	19357	32	7	3	2	-	-	-	-	-	-	-	-	-
2	Tottenham *H* - - -	4642	22869	19	6	3	2	-	-	-	1	-	-	-	-	-
3	Edmonton *WW* - - -	7483	13860	15	15	-	10	-	-	-	1	-	1	-	-	1
4	Enfield *WH* - - -	12653	16054	13	6	3	1	-	-	1	-	-	-	-	-	-
5	Waltham Abbey - - -	11017	5197	2	1	-	-	-	-	-	-	-	-	-	1	1
6	Cheshunt - - - -	8493	7518	7	2	1	-	-	-	-	-	-	-	-	1	1
134 : 1	Hatfield (*part of*) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	4	1	1	-	-	-	-	-	-	-	-	-	-
185 : 1	Stratford - - - -	882	23286	18	16	5	2	3	-	2	-	1	-	-	1	1
2	West Ham *WWWW* - -	7345	44642	87	27	4	4	3	1	-	-	-	1	-	-	-
3	Leyton *WW* - - -	4274	15513	21	15	-	8	-	-	-	-	-	-	-	-	-
4	Walthamstow *H* - -	6619	15701	18	10	4	1	-	-	1	-	2	-	-	-	-
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	15	-	-	-	-	-	-	-	-	-	-	-	-
188 :	Romford (*part of*) * - -	6730	2879	4	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford - - - - -	8492	5947	4	-	-	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	4	3	1	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follo: 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Gods sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, excep two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoidon (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 11th May 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Deaths in Public Institutions.
EATER LONDON	446,494	4,450,015	19·5	3·3	1660	363	320	56	36	28	13	120	18	10	80	313
INNER LONDON -	78,080	3,577,304	20·2	3·6	1383	306	246	48	33	24	9	110	14	7	66	264
OUTER RING -	368,414	872,711	16·6	2·2	277	57	74	8	3	4	4	10	4	3	14	49

OTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal 97·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area 68,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, hich 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than iles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,760,953 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	April	6	–	368	44·7	Small-pox 68; cholera 87.
BOMBAY - -	644,405	„	9	–	529	42·7	Small-pox 20; cholera 32; measles 29.
MADRAS - -	397,552	March	22	264	368	48·1	Fevers 100; dysentery 72.
PARIS - - -	1,988,806	May	9	–	1001	26·2	Measles 27; diphtheria 37; typhoid fever 12.
GENEVA - -	68,792	„	4	38	35	26·5	—
BRUSSELS - -	175,782	April	27	102	92	27·3	Typhoid fever 2.
AMSTERDAM -	302,266	„	27	220	149	25·6	Typhus and typhoid fev. 3; whooping-cough 5.
ROTTERDAM -	142,585	„	27	123	73	26·6	Croup 2.
THE HAGUE -	107,896	„	27	71	53	25·5	—
COPENHAGEN -	220,000	„	30	190	100	23·7	—
STOCKHOLM -	146,845	„	27	–	85	30·1	Whooping-cough 3.
CHRISTIANIA -	105,000	May	4	70	34	16·5	—
ST. PETERSBURGH	669,741	April	27	–	807	62·7	Typhus and typhoid fever 142; sm.-pox 11.
BERLIN - -	1,019,620	„	20	783	602	30·7	Scarlet fever 13; diphtheria 21.
HAMBURG (State)	406,104	„	27	298	229	29·4	Whooping-cough 7.
DRESDEN - -	207,845	„	27	142	95	23·8	Diphtheria and croup 5.
BRESLAU - -	267,000	May	4	223	164	31·9	Fevers 3; diphtheria 2.
MUNICH - -	222,000	„	4	192	136	32·0	Diphtheria and croup 4.
VIENNA - -	727,271	„	4	541	460	32·9	Small-pox 10; diphtheria 19.
BUDA-PESTH -	319,530	April	27	270	304	49·5	Typhus and typhoid fever 7; diphtheria 5.
ROME - - -	282,214	„	13	112	181	33·5	Typhus and typhoid fever 2.
NAPLES - -	457,407	„	8	–	–	–	—
TURIN - -	227,843	„	27	130	139	31·8	Small-pox 3; typhus and typhoid fever 10.
VENICE - -	139,796	„	27	76	87	32·5	Diphtheria and croup 2.
ALEXANDRIA -	212,034	„	25	142	141	34·7	Diphtheria 2; whooping-cough 3.
NEW YORK -	1,084,528	„	13	–	509	24·4	Scarlet fever 18; diphtheria 21.
BROOKLYN -	549,438	„	13	–	190	18·0	Scarlet fever 11; diphtheria 10.
PHILADELPHIA	876,118	„	20	–	317	18·9	Scarlet fever 11; typhd. fever 14.
BOSTON - -	363,000	„	13	–	132	18·9	Diphtheria 4.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 11th MAY, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.	Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Difference. Greatest.	Difference. Least.	Difference. Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure on square foot. Greatest.	Osler's. Pressure on square foot. Least.	Osler's. Pressure on square foot. Mean of 24 Obs	Robinson's. Amount of Horizontal Movement of Air each day.	Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
MAY.		in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN. . 5	Greatest Dec. N.	29·851	67·7	44·4	23·3	56·2	44·8	124·4	34·8	59·3	56·3	11·4	18·2	0·0	+ 5·0	66	SW. NNE. & E.	E.	2·6	0·0	0·4	222	— 21	0·00	7·0
MON. . 6	..	29·512	68·4	46·0	22·4	57·3	51·0	112·9	38·5	59·5	56·5	6·3	12·8	1·3	+ 5·7	80	E.	ESE.&SSE.	0·9	0·0	0·1	214	— 24	0·03	15·0
TUES. . 7	..	29·501	66·9	53·9	13·0	59·0	52·0	107·8	53·3	59·8	57·3	7·0	14·9	0·4	+ 7·3	78	WSW. W. & WNW.	N. NE. & NW.	0·1	0·0	0·0	141	— 96	1·52	0·0
WED. 8	..	29·491	60·1	46·4	13·7	52·2	48·4	96·8	39·0	59·7	57·7	3·8	9·3	1·2	+ 0·6	87	WNW.&W.	WSW.& W.	0·9	0·0	0·1	236	— 4	0·30	0·0
THURS. 9	First Quarter	29·692	65·4	44·5	20·9	54·3	48·7	123·3	39·0	59·5	57·3	5·6	12·8	0·0	+ 2·8	82	NE. SE. & E.	E.	1·3	0·0	0·1	177	— 69	0·02	12·5
FRI. . 10	..	29·612	68·7	49·4	19·3	58·8	52·1	127·0	47·8	60·3	58·1	6·7	11·3	1·0	+ 7·5	78	ENE. & E.	E.	3·0	0·0	0·3	277	+ 27	0·18	6·7
SAT. . 11	..	29·472	69·1	53·7	15·4	59·0	53·1	137·8	48·0	61·3	58·3	5·9	14·9	0·0	+ 7·8	81	E. & SE.	SW.S.&SE.	2·3	0·0	0·3	268	+ 12	0·05	19·0
MEANS .	..	29·590	66·6	48·3	18·3	56·7	50·0	118·6	42·9	59·9	57·4	6·7	13·5	0·6	+ 5·2	79	Variable.		..	..	..	Sum 1535	Sum —175	Sum 2·10	8·6
No. of Col.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. MAY.	Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY . 5	The electrical apparatus was not in action throughout the week.	12·0	15·0	A very fine day. Cloudless in morning; partially cloudy till evening; cloudless at night.
MONDAY . 6		1·8	15·1	Generally cloudy. Rain fell at night.
TUESDAY . 7		0·5	15·1	Overcast generally. Rain fell very heavily from 5h. 30m. P.M. till 7h. 30m. P.M., and continued to fall steadily after the latter time, still falling at midnight. (Between 6h. P.M. and 6h. 50m. P.M. the rainfall amounted to ONE inch.)
WEDNESDAY 8		0·6	15·2	Rain fell throughout the morning until about 9h. 30m. A.M.; slight showers then fell till noon; generally cloudy till evening; cloudless at night.
THURSDAY . 9		5·1	15·2	Fine; partially cloudy. Rain fell at night.
FRIDAY . 10		8·1	15·3	A fine day; partially cloudy. Lightning at night. Rain fell heavily between 10h. P.M. and midnight.
SATURDAY . 11		5·4	15·3	Overcast with rain in morning; fine and partially cloudy during remainder of day.
..	..	Sum 33·5	Sum 106·2	
No. of Col.	28	29	30	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and — "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29·95 in. at the beginning of the week to 29·47 in. by 9h. P.M. on the 6th; increased to 29·52 in. by 9h. A.M. on the 7th; decreased to 29·45 in. by 9h. A.M. on the

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

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General Register Office, Somerset House,
20th May, 1878.

United Kingdom.

During last week 6090 *births* and 3482 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality from all causes was at the average rate of 22 deaths annually in every 1000 persons living. The annual death-rate was 18 per 1000 in Edinburgh, 23 in Glasgow, and 37 in Dublin ; small-pox caused 21 deaths in Dublin, against 21, 17, and 12 in the three preceding weeks.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow :—Leicester 14, Birmingham 16, Hull 16, Brighton 17, Bristol 18, Bradford 19, Nottingham 19, Leeds 20, Portsmouth 20, London 20, Salford 21, Newcastle 21, Plymouth 23, Sheffield 24, Manchester 25, Sunderland 26, Oldham 28, Wolverhampton 28, and the highest rate 29 in Liverpool and in Norwich. The annual death-rate from the seven principal zymotic diseases averaged 3·5 per 1000 in the twenty towns, and ranged from 0·7 in Hull, to 7·9 in Sunderland. Scarlet fever and whooping-cough showed fatal prevalence in Sunderland. Small-pox caused 53 deaths in London and its suburban districts, but not one in any of the nineteen large provincial towns.

During the quarter ending March last the proportion of *uncertified causes of death* in London did not exceed 1·6 per cent., whereas it was equal to 4·2 per cent. in the nineteen provincial towns. The percentages of uncertified causes of death in the nineteen towns were as follow :—Plymouth 1·0, Portsmouth 2·1, Brighton 2·3, Leicester 2·4, Birmingham 3·0, Leeds 3·0, Liverpool 3·2, Manchester 3·4, Newcastle-upon-Tyne 3·9, Sunderland 4·4, Norwich 5·0, Hull 5·3, Bradford 5·5, Bristol 5·6, Nottingham 5·9, Sheffield 6·9, Salford 7·2, Wolverhampton 7·5, and the highest percentage 8·3 in Oldham.

London.

In London 2514 births and 1380 deaths were registered. Allowing for increase of population, the births exceeded by 180, whereas the deaths were 58 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the five preceding weeks had steadily declined from 27·6 to 20·2, further fell last week to 20·1.

The 1380 deaths included 48 from small-pox, 28 from measles, 26 from scarlet fever, 12 from diphtheria, 102 from whooping-cough, 22 from different forms of fever, and 21 from diarrhœa; thus to the seven principal diseases of the zymotic class 259 deaths were referred, against numbers declining from 346 to 245 in the five preceding weeks. These 259 deaths were 22 above the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 3·8 per 1000. The fatal cases of whooping-cough further declined to 102, but exceeded the corrected average weekly number by 35, and included 30 in the East and 31 in the South groups of districts ; 12 occurred in Islington, 11 in Shoreditch, 9 in Newington, 7 in Southwark, and 9 in Lambeth. Six of the 28 deaths from measles occurred in Wandsworth district, and 4 in Bow. The 12 fatal cases of diphtheria exceeded the numbers in recent weeks. The deaths referred to fever, which had been 29 and 14 in the two previous weeks, were 22 last week, and were 6 below the corrected average ; 3 were certified as typhus, 16 as enteric or typhoid, and 3 as simple continued fever. The three deceased typhus patients had resided at:—17, Blantyre Street, Chelsea ; 35, Galt Street, Limehouse (certified as cerebro-spinal fever) ; and at 3, Salutation Alley, Woolwich. Two deaths were referred to enteric fever in Amwell, and 2 in Mile End Old Town.

The deaths from small-pox, which had declined in the four preceding weeks from 80 to 48, were again 48 last week; 25 were recorded in the Metropolitan Asylum Hospitals, 2 in the Highgate Small-pox Hospital, and 21 in private dwelling-houses. Eleven of the deceased small-pox patients had resided in Islington (including 4 who died in private houses), 5 in Fulham, and 4 in Pancras. Of the 48 fatal cases of small-pox, 25 were certified as unvaccinated (including 12 of children under five years of age), and 11 (of which 8 were adult cases) as vaccinated; in the remaining 12 cases (of which 9 occurred in private practice) the medical certificates did not give any information as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which had been 834 and 829 at the end of the two previous weeks, had further declined to 766 on Saturday last; the number of new cases admitted during the week was 170, against 167 and 200 in the two preceding weeks. The Highgate Small-pox Hospital contained 50 patients on Saturday last, against 56 and 49 at the end of the two previous weeks; 13 new cases were admitted during the week.

The deaths referred to diseases of the respiratory organs, which in the five preceding weeks had declined from 497 to 225, further fell last week to 199, and were 52 below the corrected weekly average; 112 resulted from bronchitis, and 60 from pneumonia.

Different forms of violence caused 75 deaths; 60 were the result of negligence or accident, including 28 from fractures and contusions, 3 from burns and scalds, 11 from drowning, and 12 of infants under one year of age from suffocation. Two deaths resulted from the inhalation of chloroform. The 28 deaths from fractures and contusions were thus caused:—male aged 60, run over by a cab; males 48 and 62, thrown from cabs; male 31, and female 3, run over by carts; male 60, run over by an omnibus; male 3, run over by a tram-car; female 1, run over (nature of vehicle not stated); males 42 and 24, run over on a railway; male 70, crushed between carriages and platform at Waterloo Station; males 83, 49, and 39, fell down stairs; female 3, fell from a window; males 29, 40, and 58, fell from ladders; male 35, and female 1, fell from heights; male 60, fell from a scaffold; male 37, fell from a wharf on a barge; male 42, fell on board ship; male 73, injured by a fall; male 72, pushed down in the street; male 56, injured by machinery; male 27, injured by blow from a chain; and female 82, by fracture of thigh. An inquest was held in each of these 28 cases except the last, which was certified by a registered medical practitioner. Fourteen cases of suicide were registered, or six more than the corrected average number.

Greater London.

In the Greater London 3021 births and 1609 deaths were registered, equal to annual rates of 35·4 and 18·9 per 1000 of the population. In the Outer Ring, 3 fatal cases of small-pox were registered in West Ham, one in Edmonton, and one in Chigwell. Since 27th March, 4 fatal cases of diphtheria have occurred at Friern Barnet, in Finchley sub-district, where the drainage is said to be defective.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 43, Bombay 41, Madras 44; Paris 25; Geneva 21; Brussels 25; Amsterdam 26, Rotterdam 26, The Hague 20; Copenhagen 23; Stockholm 26; Christiania 15; St. Petersburgh 66; Berlin 29, Hamburg 26, Dresden 23, Breslau 26, Munich 34; Vienna 38, Buda-Pesth 42; Rome 26, Turin 33, Venice 23; Alexandria 43; New York 27, Brooklyn 20, Philadelphia 18, and Boston 22. The 848 deaths in St. Petersburgh included 190 from fevers.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·54 in.; the lowest reading was 29·30 in. on Wednesday, and the highest 29·90 in. on Friday evening. The mean temperature of the *air* was 58°·0, and 6°·1 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was considerably above the average on each day of the week; the warmest day was Sunday, 12th instant, when the mean was 61°·9, and showed an excess of 10°·8. The lowest night temperature was 47°·8 on Thursday, and the highest day temperature in the shade 73°·8 on Sunday; the extreme range in the week was, therefore, 26°·0. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 139°·1 on Sunday. The difference between the mean *dew-point* and *air* temperature averaged 8°·1. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 60°·9. The mean degree of *humidity* of the air was 75, complete saturation being represented by 100; the air was therefore of its average dryness. The general direction of the *wind* was south-west, and the horizontal movement of the air averaged 16·1 miles per hour, which was 6·1 above the average in the corresponding week of 16 years. *Rain* fell on five days of the week, to the aggregate amount of 0·63 of an inch. The duration of registered sunshine in the week was 48·3 hours, the sun being above the horizon during 108·7 hours; the recorded duration of sunshine was, therefore, equal to 44 per cent. of its possible duration.

BLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 18th May, 1878.

CITIES AND BOROUGHS. (ipal Boundaries, t for LONDON d DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 18th May, 1878. BIRTHS.	DEATHS.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL. In Inches.	In Centimetres.
Towns in the ED KINGDOM	220,845	8,373,953	37·9	6090	3482	74·5	45·3	56·2	13·44	1·22	3·10
ON - - -	75,362	3,577,304	47·5	2514	1380	73·8	47·8	58·0	14·44	0·63	1·60
ITON - -	2,354	103,923	44·1	59	34	67·0	50·5	56·5	13·61	1·44	3·66
MOUTH - -	4,486	129,461	28·9	96	49	–	–	–	–	–	–
ICH - - -	7,472	84,620	11·3	60	47	74·5	49·0	58·4	14·66	0·69	1·75
OUTH - -	1,395	73,599	52·8	51	33	63·0	51·0	55·3	12·95	1·63	4·14
OL - - -	4,452	206,419	46·4	144	72	–	–	–	–	–	–
ERHAMPTON -	3,396	74,240	21·9	45	40	68·4	45·3	54·9	12·72	1·88	4·78
NGHAM - -	8,400	383,117	45·6	287	117	–	–	–	–	–	–
STER - -	3,200	121,473	38·0	95	32	70·2	48·5	56·8	13·78	1·33	3·38
NGHAM - -	9,960	165,267	16·6	128	61	72·6	46·8	57·2	14·00	0·88	2·24
POOL - -	5,210	532,681	102·2	402	296	66·7	49·5	55·5	13·06	1·33	3·38
HESTER - -	4,293	360,514	84·0	273	176	–	–	–	–	–	–
RD - - -	5,170	170,251	32·9	154	68	70·3	46·5	55·4	13·00	0·95	2·41
AM - - -	4,666	107,366	23·0	79	57	–	–	–	–	–	–
FORD - -	7,220	185,088	25·6	153	67	68·0	46·2	55·2	12·89	1·89	4·80
S - - -	21,572	304,948	14·1	210	115	69·0	49·0	56·3	13·50	1·76	4·47
FIELD - -	19,651	289,537	14·7	228	133	70·0	47·5	56·3	13·50	1·13	2·87
- - - -	3,635	143,139	39·4	125	44	–	–	–	–	–	–
ERLAND - -	3,306	112,459	34·0	97	56	69·0	42·0	54·5	12·50	0·97	2·46
ASTLE-ON-TYNE	5,371	144,570	26·9	99	58	–	–	–	–	–	–
BURGH - -	4,191	222,371	53·1	162	76	66·3	43·0	55·4	13·00	0·87	2·21
GOW - - -	6,033	566,940	94·0	430	250	66·0	46·5	56·0	13·33	1·30	3·30
IN - - -	10,050	314,666	31·3	199	221	70·6	46·1	57·5	14·17	0·89	2·26

or names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.
he figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the on of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, l, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the er enumerated in April 1871.

LE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday the 18th May, 1878.

ROUGHS, &c. (cipal Boundaries, pt for LONDON nd DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living. From All Causes.	From Seven Zymotic Diseases.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
20 TOWNS -	21·1	3·5	2935	662	525	48	72	98	16	162	51	42	115	181	460
ON - - -	20·1	3·8	1380	303	258	48	28	26	12	102	22	21	75	109	274
HTON - -	17·1	1·5	34	4	11	–	–	–	–	1	2	–	1	1	8
SMOUTH - -	19·8	5·2	49	13	7	–	5	–	–	7	–	1	1	6	3
VICH - - -	29·0	3·7	47	12	11	–	–	–	–	4	–	2	–	–	2
OUTH - -	23·4	5·7	33	7	5	–	5	–	–	1	2	–	2	4	2
TOL - - -	18·2	1·5	72	18	19	–	–	1	–	1	3	1	1	2	9
VERHAMPTON -	28·1	4·9	40	6	7	–	–	–	–	7	–	–	1	3	10
INGHAM - -	15·9	2·6	117	24	24	–	1	11	–	6	–	1	–	2	22
ESTER - -	13·7	1·3	32	11	7	–	–	–	–	2	1	–	1	3	1
INGHAM - -	19·3	2·2	61	15	17	–	4	1	–	2	–	–	1	2	7
RPOOL - -	29·0	4·2	296	71	40	–	14	9	1	6	8	5	16	21	46
CHESTER - -	25·5	2·6	176	45	27	–	1	5	1	4	3	4	2	6	24
ORD - - -	20·8	1·8	68	15	14	–	1	–	1	3	–	1	2	3	10
AM - - -	27·7	6·3	57	14	6	–	6	5	1	–	–	1	1	1	–
FORD - -	18·9	3·1	67	17	11	–	4	2	–	1	4	–	2	3	4
S - - -	19·7	1·4	115	28	21	–	–	3	–	2	1	2	2	6	10
FIELD - -	24·0	5·4	133	25	14	–	–	23	–	4	2	1	3	3	9
- - - -	16·0	0·7	44	10	9	–	–	–	–	–	2	–	1	2	4
ERLAND - -	26·0	7·9	56	14	7	–	3	5	–	8	1	–	1	1	5
ASTLE-ON-TYNE	20·9	3·6	58	10	10	–	–	7	–	1	–	2	2	3	10
IN - - -	36·6	7·6	221	30	39	21	4	–	2	12	3	4	20	22	73

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the TWENTIETH Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2223	1911	2277	2069	2150	2179	2262	1983	2353	2410	2181·7	2514
Males . .	1104	950	1217	1070	1116	1119	1123	1047	1166	1247	1115·9	1271
Females .	1119	961	1060	999	1034	1060	1139	936	1187	1163	1065·8	1243
TOTAL **Deaths**	1268	1281	1313	1486	1268	1271	1326	1322	1341	1564	1344·0	1380
Males . .	691	677	697	773	659	626	723	714	722	791	708·1	716
Females .	577	604	616	708	609	645	600	608	619	773	635·9	664

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Feb. 23.	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.	May 4.	May 11.	May 18.
TOTAL **Deaths** - - -	1756	1637	1580	1526	1676	1766	1877	1895	1773	1661	1545	1383	1380
0—20 - -	889	823	807	767	854	899	900	954	899	876	775	709	670
20—40 - -	212	202	216	196	198	214	230	234	241	218	235	213	194
40—60 - -	263	254	249	245	283	296	346	293	279	286	240	215	258
60—80 - -	358	297	260	257	276	295	323	343	295	232	252	206	215
at 80 years & upwds.	84	61	48	61	65	62	78	71	59	49	43	40	43
Deaths of children: Under 1 year -	397	381	370	352	386	390	381	415	379	394	371	306	303
Deaths of children: 1—5 - - -	326	333	331	301	351	368	402	403	375	357	286	296	261
Deaths of children: 5—20 - -	116	109	106	114	117	141	117	136	145	125	118	107	106
Deaths from 7 principal Zymotic Diseases	257	288	259	243	277	339	319	346	323	305	295	245	259
" " Smallpox - -	39	54	34	53	42	48	55	58	80	63	60	48	48
" " Measles - -	40	41	46	32	34	35	30	40	31	38	29	33	28
" " Scarlet Fever -	34	35	35	28	22	47	42	36	37	22	27	24	26
" " Diphtheria -	9	8	7	6	13	12	8	9	8	11	10	9	12
" " Whooping-cough	100	112	102	84	124	158	146	157	123	136	117	110	102
" " Typhus fever -	5	5	6	9	2	3	4	4	3	3	5	1	3
" " Enteric (or Typhoid) fever -	16	18	17	16	25	23	20	23	14	15	19	8	16
" " Simple Cont^d fever	3	4	5	2	2	2	5	5	9	6	5	5	3
" " Diarrhœa - -	11	11	7	13	13	11	9	14	18	11	23	7	21
" " Simple Cholera -	–	–	–	–	1	–	–	1	–	–	1	–	–
" " Dis. of Respiratory Organs -	475	413	362	340	402	421	474	497	398	345	284	225	199
" " Phthisis - -	168	156	162	174	154	169	208	182	188	174	189	139	171
" " Heart Diseases -	108	94	75	86	89	118	111	106	88	71	70	74	79
Violent Deaths - - -	60	48	51	35	53	57	39	49	75	64	60	66	75
Inquest Cases - - -	115	106	96	72	98	118	102	99	124	100	101	96	109
Deaths in Public Institutions	353	290	294	294	333	334	358	333	360	334	307	264	274
TEMPERATURE OF THE AIR:													
Mean - - - -	46°·5	48°·7	46°·6	40°·5	43°·3	35°·5	40°·4	46°·0	51°·5	51°·2	55°·5	56°·7	58°·0
Mean of Highest readings -	52·7	53·4	53·1	48·3	50·5	44·6	50·3	54·1	61·0	61·6	66·5	66·6	67·6
Mean of Lowest readings -	41·5	4·44	41·3	33·7	37·3	29·1	31·8	38·0	44·4	44·0	47·0	48·3	50·7
Mean Temperature of the Water of the Thames -	45·1	47·0	49·1	47·0	45·7	44·0	41·4	44·7	50·0	53·5	55·7	58·7	60·9
Humidity of the Air - -	83	81	72	74	75	76	78	75	85	80	77	79	75
Rain-fall in inches - -	0·03	0·34	0·00	0·09	0·00	0·71	0·38	2·85	0·73	0·20	0·66	2·10	0·63
Registered Sunshine (in hours)	15·8	4·2	19·4	19·1	9·9	18·2	34·6	45·4	17·9	40·6	35·8	33·5	48·3

METEOROLOGICAL OBSERVATIONS. (*See* TABLE **1.**)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTIETH Week of the Year 1878.

AUSES OF DEATH.	Average in the Twentieth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, May 18, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0—1.	1—5.	5—20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature -	52°·1	58°·0							
LL CAUSES - -	1344·0	1380	303	261	106	194	258	215	43
PECIFIED CAUSES	1338·8	1378	302	261	106	194	257	215	43
I. ZYMOTIC.									
ORDER 1.									
Small-pox - - -	42·8	48	3	12	12	15	5	1	-
Measles - - -	34·0	28	5	21	2	-	-	-	-
Scarlet Fever - -	31·5	26	1	11	14	-	-	-	-
Diphtheria - -	7·2	12	-	6	6	-	-	-	-
Quinsy - - -	1·0	-	-	-	-	-	-	-	-
Croup - - -	12·5	10	-	7	3	-	-	-	-
Whooping-cough -	62·9	102	52	49	1	-	-	-	-
Typhus - - -	26·5 (Enteric or Typhoid Fev.)	3	-	-	-	-	2	1	-
Enteric or Typhoid Fev.		16	-	2	8	5	1	-	-
Simple continued Fev.		3	-	-	2	-	1	-	-
Erysipelas - -	7·1	8	5	-	-	1	1	1	-
Puerperal Fev. (Metria)	4·5	7	-	-	-	6	1	-	-
Carbuncle - -	1·1	2	-	-	-	-	2	-	-
Influenza - - -	·3	-	-	-	-	-	-	-	-
Dysentery - -	1·7	3	1	-	-	-	1	1	-
Diarrhœa - - -	16·5	21	14	4	-	-	2	1	-
Simple Cholera - -	·6	-	-	-	-	-	-	-	-
Ague - - - -	·4	-	-	-	-	-	-	-	-
Remittent Fever -	—	-	-	-	-	-	-	-	-
Rheumatism - -	9·9	11	-	-	2	3	3	3	-
Other *Zymotic* Diseases	·4	-	-	-	-	-	-	-	-
ORDER 2.									
Syphilis - - -	8·1	5	4	1	-	-	-	-	-
Stricture of Urethra -	1·9	2	-	-	-	-	1	1	-
Hydrophobia - -	—	-	-	-	-	-	-	-	-
Glanders - - -	—	-	-	-	-	-	-	-	-
ORDER 3.									
Privation - - -	·5	-	-	-	-	-	-	-	-
Want of Breast-milk	6·2	6	6	-	-	-	-	-	-
Purpura and Scurvy -	2·7	2	2	-	-	-	-	-	-
Alcoholism { *a* Del. Tremens	2·0	-	-	-	-	-	-	-	-
Alcoholism { *b* Intemperance	2·2	1	-	-	-	-	1	-	-
ORDER 4.									
Thrush - - -	2·3	3	3	-	-	-	-	-	-
Worms, &c. - -	·2	1	-	-	-	1	-	-	-
CONSTITUTIONAL.									
ORDER 1.									
Gout - - - -	1·9	4	-	-	-	-	2	2	-
Dropsy - - -	10·0	4	2	-	-	-	1	1	-
Cancer - - -	36·9	37	-	-	-	4	22	11	-
Cancrum Oris (Noma)	·2	1	-	1	-	-	-	-	-
Mortification - -	3·7	2	-	-	-	-	-	1	1
ORDER 2.									
Scrofula - - -	10·1	14	3	9	1	1	-	-	-
Tabes Mesenterica -	20·2	24	9	11	4	-	-	-	-
Phthisis - - -	172·4	171	3	9	12	73	62	12	-
Hydrocephalus - -	31·4	32	15	14	2	-	-	1	-
III. LOCAL.									
ORDER 1.									
Cephalitis - - -	20·8	23	6	11	3	-	2	1	-
Apoplexy - - -	37·5	38	2	1	-	3	17	12	3
Paralysis - - -	28·1	24	-	-	2	3	5	13	1
Insanity - - -	1·7	4	-	-	-	-	1	3	-
Chorea - - -	—	-	-	-	-	-	-	-	-
Epilepsy - - -	8·0	7	-	1	2	1	-	3	-
Convulsions - -	46·8	45	32	13	1	-	-	-	-
Brain Disease, &c. -	16·8	19	1	1	-	1	5	10	1
ORDER 2.									
Pericarditis - -	2·4	3	-	-	-	1	2	-	-
Aneurism - - -	3·4	6	-	-	-	4	2	-	-
Heart Disease, &c. -	65·5	70	-	-	6	12	25	25	2
ORDER 3.									
Laryngitis - - -	9·7	6	-	4	-	-	2	-	-
Bronchitis - - -	128·2	112	24	28	1	1	19	36	3
Pleurisy - - -	3·7	3	-	-	-	1	1	1	-
Pneumonia - -	73·6	60	16	19	1	8	9	7	-
Asthma - - -	6·3	8	-	-	-	-	-	8	-
Lung Disease, &c. -	13·4	10	2	2	-	-	3	3	-

CAUSES OF DEATH.	Average in the Twentieth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, May 18, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0—1.	1—5.	5—20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature -	52°·1	58°·0							
ORDER 4.									
1. Gastritis - - -	2·0	1	-	-	-	-	1	-	-
2. Enteritis - - -	4·1	9	-	2	3	1	1	2	-
3. Peritonitis - - -	6·6	8	-	-	2	3	1	2	-
4. Ascites - - -	2·1	1	-	-	-	-	-	1	-
5. Ulceration of Intestines	3·0	4	-	-	-	2	1	1	-
6. Hernia - - -	3·6	4	-	-	-	1	1	1	1
7. Ileus - - - -	3·2	4	2	-	-	-	1	1	-
8. Intussusception -	1·4	-	-	-	-	-	-	-	-
9. Stricture of Intestines	1·1	1	-	-	-	-	1	-	-
10. Fistula - - -	·6	-	-	-	-	-	-	-	-
11. *Stomach Disease, &c.* -	5·5	9	3	-	-	1	1	3	1
12. *Pancreas Disease, &c.*	—	-	-	-	-	-	-	-	-
13. Hepatitis - - -	3·5	4	-	-	-	2	1	1	-
14. Jaundice - - -	3·8	9	5	-	-	-	-	2	2
15. *Liver Disease, &c.* -	22·2	19	-	-	-	5	12	2	-
16. *Spleen Disease, &c.* -	·3	-	-	-	-	-	-	-	-
ORDER 5.									
1. Nephritis - - -	2·6	3	-	2	-	-	1	-	-
2. Ischuria - - -	·2	-	-	-	-	-	-	-	-
3. Bright's Dis. (Nephria)	11·6	18	-	-	1	5	8	4	-
4. Diabetes - - -	2·7	3	-	-	1	1	-	1	-
5. Calculus (Stone) -	1·1	-	-	-	-	-	-	-	-
6. Cystitis - - -	1·0	-	-	-	-	-	-	-	-
7. *Kidney Disease, &c.* -	8·7	8	-	-	-	5	1	2	-
ORDER 6.									
1. Ovarian Dropsy -	·6	-	-	-	-	-	-	-	-
2. *Uterus Disease, &c.* -	5·1	3	-	-	-	1	-	2	-
ORDER 7.									
1. Synovitis (Arthritis)	·4	1	-	-	-	1	-	-	-
2. *Joint Disease, &c.* -	6·4	10	2	-	5	2	2	1	-
ORDER 8.									
1. Phlegmon - - -	4·1	2	-	-	-	1	1	-	-
2. Ulcer - - - -	1·5	2	-	-	-	-	-	2	-
3. *Skin Disease, &c.* -	1·4	-	-	-	-	-	-	-	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth -	21·1	19	19	-	-	-	-	-	-
2. Cyanosis - - -	2·0	6	6	-	-	-	-	-	-
3. Spina Bifida - -	1·3	1	1	-	-	-	-	-	-
4. Other Malformations	2·6	6	6	-	-	-	-	-	-
5. Teething - - -	13·5	11	6	5	-	-	-	-	-
ORDER 2.									
1. Paramenia - - -	·3	1	-	-	-	1	-	-	-
2. Childbirth (*see* Puerperal Fever) - -	4·5	4	-	-	-	3	1	-	-
ORDER 3.									
1. Old Age - - -	42·6	39	-	-	-	-	-	14	25
ORDER 4.									
1. Atrophy and Debility	50·1	45	30	8	1	-	1	5	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	18·0	28	-	5	-	7	7	7	2
2. Wounds { Gunshot	·3	1	-	-	1	-	-	-	-
2. Wounds { Cut, Stab		1	-	-	-	-	1	-	-
3. Burns and Scalds -	4·0	3	-	1	-	-	1	-	1
4. Poison - - -	1·0	1	-	-	1	-	-	-	-
5. Drowning - - -	5·5	11	-	-	5	2	3	1	-
6. Suffocation - -	9·3	15	12	1	1	-	1	-	-
7. Otherwise - - -	2·7	-	-	-	-	-	-	-	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	2·5	1	1	-	-	-	-	-	-
ORDER 4. SUICIDE.)									
1 Wounds { Gunshot -	·8	-	-	-	-	-	-	-	-
1 Wounds { Cut, Stab -	2·0	3	-	-	-	2	1	-	-
2. Poison - - -	·7	1	-	-	-	1	-	-	-
3. Drowning - - -	1·6	5	-	-	-	2	3	-	-
4. Hanging - - -	1·8	4	-	-	-	1	2	1	-
5. Otherwise - - -	·5	1	-	-	-	-	1	-	-
ORDER 5. (EXECUTION.)									
1. Hanging - - -	—	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - -	·9	-	-	-	-	-	-	-	-
Causes not specified or ill-defined - - -	4·3	2	1	-	-	-	1	-	-

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

Table 6. LONDON.—Population, Births, Deaths from all Causes, and from Small-pox, Measles, Scarlet
during the Week ending

Registration Sub-districts.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age.	Deaths of Persons aged 60 Years & upwds.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions
LONDON	3,254,260	2514	1380	303	258	48	28	26	12	102	3	16	3	21	75	109	27
West Districts	561,359	364	221	45	51	9	2	2	-	9	1	4	-	6	12	16	47
North Districts	751,729	581	304	74	63	23	4	10	4	22	-	1	1	4	12	20	58
Central Districts	334,369	182	127	19	16	-	2	1	1	10	-	3	-	1	6	12	40
East Districts	639,111	537	302	74	47	6	8	6	3	30	1	3	-	3	23	33	61
South Districts	967,692	850	426	91	81	10	12	7	4	31	1	5	2	7	22	28	68
West Districts.																	
St. Mary Paddington *WH*	58728	46	18	5	-	-	-	1	-	2	-	-	-	1	1	1	2
St. John Paddington *H*	38085	11	11	1	3	-	1	-	-	1	-	1	-	-	-	-	5
Kensington Town *W*	91645	77	37	11	5	-	-	1	-	3	-	-	-	2	2	4	-
Brompton *H*	28654	22	10	1	3	-	-	-	-	-	-	-	-	-	1	1	3
St. Peter Hammersmith	6662	4	3	1	-	-	-	-	-	-	-	-	-	-	1	1	-
St. Paul Hammersmith *H*	36029	29	20	7	6	-	-	-	-	1	-	1	-	1	-	-	-
Fulham *WwH*	23350	26	24	6	4	8	-	-	-	1	-	1	-	-	-	-	10
Chelsea South *HHH*	26420	17	9	-	2	-	-	-	-	-	1	-	-	-	1	1	-
Chelsea North-west *WHHHH*	22926	17	10	-	4	-	-	-	-	-	-	1	-	-	-	-	4
Chelsea North-east	21392	23	7	3	2	-	-	-	-	1	-	-	-	-	1	-	-
Hanover Square *H*	18698	5	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-
May Fair *WW*	13358	2	12	-	7	1	-	-	-	-	-	-	-	-	-	-	10
Belgrave *HH*	57972	23	22	3	7	-	-	-	-	-	-	-	-	-	1	2	8
St. John Westminster *HH*	38478	26	10	2	1	-	1	-	-	-	-	-	-	-	-	-	1
St. Margaret Westminster *WH*	27781	10	13	3	4	-	-	-	-	-	-	-	-	2	3	4	2
Golden Square *WH*	12860	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Berwick-street *H*	20759	10	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Anne Soho *HHHHH*	17562	10	7	1	1	-	-	-	-	-	-	-	-	-	1	1	1
North Districts.																	
All Souls Marylebone *HHHH*	28579	10	16	5	2	-	3	-	1	2	-	-	-	-	1	1	7
Cavendish Square *HH*	15425	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone *WH*	26384	16	14	3	7	-	-	-	-	-	-	-	-	1	-	-	9
St. Mary Marylebone *HHH*	21786	19	6	2	1	1	-	-	-	1	-	-	-	-	-	-	-
Christchurch Marylebone *H*	33944	19	8	2	2	-	-	-	-	1	-	-	-	-	-	-	-
St. John Marylebone *H*	33136	14	9	-	5	-	-	-	-	-	-	-	-	-	-	-	-
Hampstead *WwHH*	32281	23	19	2	5	9	-	1	-	-	-	-	-	-	1	2	11
Regent's Park Pancras	38200	30	6	2	-	-	-	-	1	-	-	-	-	-	1	1	-
Tottenham-court *wHHH*	29370	18	9	2	2	-	-	-	-	-	-	-	-	1	-	1	3
Gray's Inn Lane *HHH*	29221	15	14	3	2	1	-	1	-	-	-	-	-	-	2	2	2
Somers Town	38533	23	15	5	1	1	-	-	-	1	-	-	-	-	1	2	-
Camden Town *WH*	17943	26	9	2	4	-	-	-	-	1	-	-	-	-	-	1	5
Kentish Town *w*	68198	71	31	6	7	1	1	1	-	3	-	-	1	-	-	1	3
Islington West *HHH*	97820	70	32	10	2	3	-	-	-	5	-	-	-	-	-	1	2
Islington East *WwwH*	115958	100	60	16	12	3	-	1	1	7	-	-	-	-	2	5	5
Stoke Newington *H*	9841	11	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stamford Hill	6598	6	3	-	1	-	-	-	-	-	-	-	-	-	2	2	-
West Hackney	28069	26	12	3	-	1	-	2	-	-	-	-	-	1	1	-	-
Hackney *WwwHL*	50104	54	26	4	10	3	-	4	1	-	-	-	-	1	1	1	11
South Hackney	30339	28	11	5	-	-	-	-	-	1	-	1	-	-	-	-	-
Central Districts.																	
St. George Bloomsbury	17853	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Giles South *WH*	19109	7	17	1	3	-	1	1	-	-	-	-	-	-	-	3	8
St. Giles North	16594	5	5	-	-	-	-	-	-	3	-	-	-	-	-	-	-
Long Acre	11379	6	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Charing Cross *HH*	9859	2	5	-	1	-	-	-	-	-	-	-	-	-	1	1	4
St. Mary-le-Strand	9378	4	3	2	-	-	-	-	-	1	-	-	-	-	-	-	-
St. Clement Danes *H*	10723	5	7	-	-	-	1	-	-	-	-	-	-	-	-	1	3
St. George-the-Martyr *HHHHH*	20521	17	11	1	4	-	-	-	-	1	-	-	-	-	-	-	3
St. Andrew Eastern *W*	13529	5	7	1	2	-	-	-	-	1	-	-	-	1	-	1	4
Saffron Hill *H*	9066	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell *W*	18917	19	10	2	-	-	-	-	1	1	-	-	-	-	-	-	2
Amwell Clerkenwell	16884	13	5	-	-	-	-	-	-	-	-	2	-	-	-	1	-
Pentonville	13337	16	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goswell-street	16242	11	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Old-street *H*	12161	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
City-road *HHL*	18301	11	8	1	-	-	-	-	-	1	-	1	-	-	1	1	2
Whitecross-street	13792	7	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Finsbury	10741	3	2	1	-	-	-	-	-	-	-	-	-	-	1	1	-
St. Botolph East London *H*	14540	10	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Cripplegate	13638	7	5	3	1	-	-	-	-	1	-	-	-	-	-	-	-
St. Sepulchre *H*	7562	4	14	1	1	-	-	-	-	-	-	-	-	-	3	3	14
St. Bride *W*	11185	7	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard	4426	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch	6270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe	4753	2	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Allhallows Barking	5764	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street *H*	7845	1	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-

Note.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at the foot of next page.

EVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
aturday, 18th May 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
Iolywell Shoreditch	12430	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
t. Leonard Shoreditch *HL*†	16545	17	7	1	1	-	-	-	-	2	-	-	-	-	-	-	1
Ioxton New Town *w*	27835	26	17	5	5	-	-	1	-	3	-	-	-	-	-	-	4
Ioxton Old Town	26933	23	13	3	2	2	1	-	-	2	-	-	-	-	1	1	-
Iaggerston *WH*	43421	40	20	8	5	-	-	2	-	4	-	-	-	-	1	1	6
Iackney-road *H*	29822	18	3	-	1	-	-	-	-	1	-	-	-	-	-	-	-
Green, Bethnal Green *WHL*†	42433	42	22	6	4	2	-	1	-	2	-	-	-	-	4	5	6
Church, Bethnal Green	26577	24	11	3	1	-	-	1	-	1	-	-	-	-	-	-	-
Town, Bethnal Green	21272	13	5	1	-	-	-	-	-	1	-	-	-	-	-	-	-
pitalfields *H*	22499	14	11	5	1	-	-	-	-	1	-	-	-	1	2	2	-
Mile End New Town *W*	15550	17	17	2	3	-	-	1	-	-	-	-	-	-	-	3	11
Whitechapel North	11597	11	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Whitechapel Church *H*	7322	7	20	-	1	-	-	-	-	-	-	-	-	-	6	7	16
Goodman's Fields	10381	6	6	3	2	-	-	-	-	1	-	-	-	-	-	-	-
Aldgate	9224	4	6	1	-	-	1	-	-	-	-	-	-	-	1	1	-
t. Mary St. George East	17900	16	5	2	1	-	-	-	-	2	-	-	-	-	1	1	-
t. Paul St. George East	21350	13	5	-	1	-	-	-	-	-	-	-	-	-	-	1	-
t. John St. George East *W*	8802	9	11	4	2	1	-	-	-	1	-	-	-	-	-	-	6
hadwell *H*	11640	5	2	1	-	-	-	-	-	1	-	-	-	-	-	-	1
atcliff	16131	7	8	2	2	-	1	-	-	1	-	-	-	-	1	1	-
imehouse	29919	18	12	3	2	-	-	-	1	1	1	-	-	-	-	-	-
Mile End Old Town Western	38128	29	13	5	-	-	-	-	1	-	-	1	-	-	2	2	-
Mile End Old Town Eastern *WwwH*	55024	46	32	5	7	1	1	-	-	3	-	1	-	-	-	1	5
Bow *wwwH*	67765	81	35	10	4	-	-	-	1	1	-	1	-	2	2	2	5
Poplar *WW*	48611	48	17	4	-	-	4	-	-	2	-	-	-	-	2	5	-
SOUTH DISTRICTS.																	
Christchurch Southwark *WH*	14573	11	7	4	2	-	-	-	-	-	-	-	-	1	-	-	2
t. Saviour Southwark *H*	15677	10	8	1	2	-	1	-	-	-	-	-	-	-	1	1	-
Kent-road	20421	13	8	-	3	-	-	-	-	1	-	-	-	-	-	-	-
Borough-road *WH*	16695	14	16	8	1	-	1	-	-	3	-	-	-	1	-	-	3
London-road *HL*	18961	10	2	1	-	-	-	-	-	1	-	-	-	-	-	-	-
Trinity Newington	23682	26	14	7	3	-	-	-	-	3	-	-	-	-	-	-	-
t. Peter Walworth *W*	48248	57	27	7	5	1	-	-	1	6	-	1	-	-	-	-	8
t. Mary Newington	16792	7	6	-	-	-	-	1	-	-	-	-	-	-	1	1	-
t. Olave Southwark *H*	4373	1	9	-	1	-	-	-	-	-	-	-	-	-	1	1	8
t. John Horsleydown *W*	10500	4	4	1	1	-	-	-	-	1	-	-	-	-	-	-	2
eather Market	16787	9	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-
t. Mary Magdalen *W*	15709	13	4	1	2	-	1	-	-	-	-	-	-	-	-	-	2
t. James Bermondsey	47933	53	20	5	3	1	1	-	-	1	-	-	-	-	-	-	-
otherhithe *W*	27096	29	12	3	3	-	-	-	-	-	-	-	-	-	2	2	2
Waterloo-road 1st *H*	14074	6	10	3	1	-	1	1	-	-	-	-	-	-	-	-	-
Waterloo-road 2nd *H*	18465	16	6	3	-	-	-	1	-	3	-	-	-	-	1	1	-
ambeth Church 1st *H*	19492	16	23	2	6	-	-	-	-	-	-	1	1	-	5	7	12
ambeth Church 2nd *WW*	35833	38	20	5	5	-	-	-	-	-	-	-	-	-	2	2	5
ennington 1st	41286	22	14	7	1	-	-	-	-	5	-	-	-	1	1	1	-
ennington 2nd	31221	24	12	1	2	1	-	-	-	1	-	-	-	1	-	1	-
rixton *w*	35435	43	17	3	2	4	-	2	-	-	-	1	-	-	-	-	6
orwood *W*	12536	8	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
lapham *H*	27347	29	15	1	3	-	2	-	-	-	-	-	-	1	1	1	-
attersea *Ww*	54016	73	23	2	4	-	2	-	1	2	-	1	-	-	1	1	-
andsworth *HL*	19783	7	9	1	3	-	1	1	-	-	-	-	-	-	-	-	-
utney	9439	5	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
treatham	14475	9	7	1	1	-	1	-	-	-	-	-	-	-	-	1	-
ulwich	4041	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
amberwell *WL*†*L*†	31254	29	17	3	4	-	-	-	-	-	-	1	-	1	-	1	8
eckham *W*	42160	52	18	6	2	-	-	1	-	-	-	-	1	-	3	3	-
t. George Camberwell	33851	30	17	5	3	-	-	-	-	1	-	-	-	1	-	1	-
t. Paul Deptford *w*	53714	64	18	2	2	3	1	-	-	1	-	-	-	-	1	1	3
t. Nicholas Deptford	6474	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
reenwich West	21034	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
reenwich East *WH*	19378	11	9	1	2	-	-	-	-	-	-	-	-	-	-	-	6
ltham *H*	4539	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ee	16440	11	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-
ewisham Village *WH*	11513	9	6	-	2	-	-	-	-	-	-	-	-	-	1	1	1
ydenham *H*	19065	18	9	-	5	-	-	-	-	-	-	-	-	-	1	1	-
harlton *H*	9564	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
oolwich Dockyard	17226	9	6	-	1	-	-	-	-	2	-	-	-	-	-	-	-
oolwich Arsenal *WHH*	18331	16	8	2	1	-	-	-	1	-	1	-	-	-	-	-	-
lumstead, West	13027	4	3	1	-	-	-	-	1	-	-	-	-	-	-	-	-
lumstead, East *W*	15232	15	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the ove Table by *w*:—

Central London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary " " "
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.
London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 18th May 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age.	Deaths of Persons aged 60 Years & upwds.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
	LONDON—OUTER RING	368,414	631,381	507	229	58	43	5	-	9	2	12	3	3	8	9	22
29 : 1	Carshalton *wL* - - -	12228	13523	19	8	2	1	-	-	-	-	-	-	-	-	-	4
2	Epsom (*part of*) * *WH* -	9971	9145	6	5	-	3	-	-	-	-	-	-	1	1	1	-
36 : 1	Godstone (*part of*) * - -	2754	900	1	-	-	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	35	15	3	6	-	-	1	-	-	1	-	1	1	-
2	Mitcham *WH* - - -	11697	12534	9	6	2	1	-	-	-	-	2	-	-	1	1	1
38 : 1	Wimbledon *HH* - -	3220	9087	7	3	1	-	-	-	-	-	-	-	-	1	1	-
2	Kingston *WH* - - -	8549	27489	12	6	3	2	-	-	-	-	1	-	-	-	-	-
3	Esher (*part of*) * - -	6601	7353	2	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Hampton - - - -	4573	10185	5	3	-	-	-	-	-	-	-	-	-	-	-	-
39 : 1	Richmond *WH* - - -	2271	16829	10	6	1	3	-	-	-	-	-	-	-	1	1	-
2	Mortlake - - - -	2961	9316	13	2	-	-	-	-	-	-	-	-	-	1	1	-
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	22	5	1	2	-	-	-	-	-	-	-	-	-	-
2	Chislehurst (*part of*) * *W* -	13665	10028	18	7	3	1	-	-	-	-	-	-	1	1	1	-
41 : 1	Bexley *H* - - - -	13439	19566	13	5	-	3	-	-	-	-	-	-	-	-	-	-
123 : 1	Sunbury *W* - - -	11055	9860	4	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Staines *W* - - - -	13277	10339	14	5	1	1	-	-	-	-	1	-	-	1	1	1
124 : 1	Hillingdon *WH* - - -	6029	9712	2	3	-	-	-	-	-	-	-	-	-	-	-	-
2	Uxbridge - - - -	6178	5329	4	3	-	-	-	-	-	-	-	1	-	-	-	-
3	Hayes *WL* - - - -	14587	10497	8	6	1	-	-	-	-	-	-	-	-	-	-	4
125 : 1	Isleworth *W* - - -	7008	19930	15	4	-	1	-	-	-	-	-	-	-	-	-	1
2	Twickenham - - -	2477	10533	5	3	-	1	-	-	-	-	-	-	-	-	-	-
3	Brentford *HL* - - -	4370	20279	15	7	2	1	-	-	-	-	1	-	1	-	-	1
4	Chiswick - - - -	1311	8508	6	2	1	-	-	-	-	-	-	-	-	-	-	-
5	Acton *WH* - - - -	6087	12683	13	5	1	-	-	-	-	-	1	-	-	-	-	-
126 : 1	Harrow *H* - - - -	13809	10869	3	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Edgware *H* - - -	6994	3450	2	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	11	10	2	1	-	-	-	-	1	-	-	-	-	-
4	Hendon *WH* - - -	8382	6972	5	5	-	1	-	-	-	-	-	-	-	-	-	1
127 : 1	South Mimms - - -	15419	5924	4	2	-	1	-	-	-	-	-	-	-	-	-	-
2	Barnet *W* - - - -	5423	7752	7	2	-	1	-	-	-	-	-	-	-	-	1	-
3	Finchley *L* - - - -	4688	11493	8	11	3	1	-	-	-	2	-	-	-	-	-	4
128 : 1	Hornsey *H* - - - -	3039	19357	19	9	6	-	-	-	-	-	1	-	-	-	-	-
2	Tottenham *H* - - -	4642	22869	26	9	4	1	-	-	-	-	1	-	-	-	-	-
3	Edmonton *WW* - - -	7483	13860	18	4	-	2	1	-	1	-	-	-	-	-	-	3
4	Enfield *WH* - - -	12653	16054	7	3	-	1	-	-	-	-	-	-	-	-	-	-
5	Waltham Abbey - - -	11017	5197	3	2	-	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	6	2	-	-	-	-	-	-	-	-	-	-	-	-
134 : 1	Hatfield (*part of*) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	4	1	-	-	-	-	-	-	-	-	-	-	-	-
185 : 1	Stratford - - - -	882	23286	23	12	2	4	-	-	3	-	-	-	-	-	-	-
2	West Ham *WWWW* - -	7345	44642	61	22	8	-	3	-	1	-	2	1	-	-	-	2
3	Leyton *WW* - - -	4274	15513	14	5	1	-	-	-	1	-	-	-	-	-	-	-
4	Walthamstow *H* - -	6619	15701	17	6	3	1	-	-	1	-	1	-	-	-	-	-
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	3	8	2	1	1	-	1	-	-	-	-	-	-	-
188 : 1	Romford (*part of*) * - -	6730	2879	-	1	-	1	-	-	-	-	-	-	-	-	-	-
2	Ilford - - - - -	8492	5947	6	2	1	1	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	2	4	4	-	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:—29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903); 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Theydon-Bois (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 18th May, 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	Annual Rate of Mortality per 1000 living.		Deaths from all Causes.	The Deaths registered in the Week include										
						Deaths of		Deaths from								Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	
GREATER LONDON	446,494	4,450,015	18·9	3·4	1609	361	301	53	28	35	14	114	25	24	83	296
INNER LONDON -	78,080	3,577,304	20·1	3·8	1380	303	258	48	28	26	12	102	22	21	75	274
OUTER RING -	368,414	872,711	13·7	2·0	229	58	43	5	–	9	2	12	3	3	8	22

NOTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 697·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,759,796 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	April	13	–	351	42·6	Small-pox 86; cholera 81.
BOMBAY - -	644,405	„	16	–	504	40·7	Small-pox 27; cholera 26; measles 27.
MADRAS - -	397,552	March	29	260	333	43·5	Fevers 83; dysentery 53.
PARIS - -	1,988,806	May	16	–	948	24·8	Diphtheria 29; typhoid fever 10; measles 15.
GENEVA - -	68,792	„	11	29	28	21·2	—
BRUSSELS - -	175,782	„	4	119	84	24·9	—
AMSTERDAM -	302,266	„	4	121	151	26·0	Whooping-cough 5.
ROTTERDAM -	142,585	„	4	103	70	25·5	Whooping-cough 2.
THE HAGUE -	107,896	„	4	79	41	19·7	—
COPENHAGEN -	220,000	„	7	189	96	22·8	Typhoid fever 2.
STOCKHOLM -	146,845	„	4	–	72	25·5	—
CHRISTIANIA -	105,000	„	11	78	31	15·1	—
ST. PETERSBURGH	669,741*	„	4	–	848	65·8*	Small-pox 13; typhus & typhoid fever 139.
BERLIN - -	1,019,620	April	27	754	567	28·8	Scarlet fever 18; diphtheria 18.
HAMBURG (State)	406,104	May	4	310	200	25·7	Whooping-cough 4; diphtheria and croup 3.
DRESDEN - -	207,845	„	4	164	90	22·5	Diphtheria and croup 2.
BRESLAU - -	267,000	„	11	205	135	26·3	—
MUNICH - -	222,000	„	11	163	144	34·0	Diphtheria and croup 5.
VIENNA - -	727,271	„	11	576	529	37·8	Small-pox 13; diphtheria 23; measles 18.
BUDA-PESTH -	319,530	„	3	275	259	42·1	Small-pox 4; typhus and typhoid fever 4.
ROME - -	282,214	April	20	121	143	26·4	Typhus and typhd. fev. 3; diphtheria and croup 5.
NAPLES - -	457,407	„	8	–	–	–	—
TURIN - -	227,843	May	4	137	145	33·2	Typhus & typhd. fev. 11; diphtheria and croup 5.
VENICE - -	139,796	„	4	63	62	23·1	Typhoid fever 2.
ALEXANDRIA -	212,034	„	2	146	175	43·1	Small-pox 2; whooping-cough 4.
NEW YORK -	1,084,528	April	20	–	563	27·0	Scarlet fever 26; diphtheria 22.
BROOKLYN -	549,438	„	20	–	212	20·1	Scarlet fever 12; diphtheria 4.
PHILADELPHIA -	876,118	„	27	–	297	17·7	Scarlet fever 14; typhoid fever 10.
BOSTON - -	363,000	„	20	–	152	21·7	Diphtheria 7.

* The rate of mortality in St. Petersburgh is calculated on the population enumerated at the last Census in 1869, and is thus probably overstated, as the population of the city is said to have increased in a remarkable manner since that date.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 18th MAY, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Difference. Between Dew Point Temperature and Air Temperature. Greatest.	Difference. Between Dew Point Temperature and Air Temperature. Least.	Difference. Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. Osler's. General Direction. P.M.	Wind. Osler's. Pressure on square foot. Greatest.	Wind. Osler's. Pressure on square foot. Least.	Wind. Osler's. Pressure on square foot. Mean of 24 Obs.	Wind. Robinson's. Amount of Horizontal Movement of Air each day.	Wind. Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
MAY.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN.	12	In Equator	29·492	73·8	49·7	24·1	61·9	46·9	139·1	40·3	61·3	58·8	15·0	20·9	0·0	+10·8	58	SSE. & SSW.	SW. & SSE.	0·6	0·0	0·0	183	− 77	0·00	13·0
MON.	13	..	29·413	65·1	51·0	14·1	56·6	49·0	129·0	49·0	62·3	59·5	7·6	13·5	1·8	+ 5·5	76	SSE. SSW. & SW.	SW.	2·9	0·0	0·4	316	+ 56	0·14	21·7
TUES.	14	Perigee.	29·346	64·3	50·5	13·8	55·4	48·6	120·3	46·8	62·8	59·8	6·8	12·2	1·4	+ 4·1	78	SSW. & SW.	SW.	11·5	0·0	0·9	346	+ 96	0·02	21·5
WED.	15	..	29·342	63·7	50·7	13·0	55·6	48·6	109·2	46·0	62·3	59·8	7·0	13·9	2·0	+ 3·9	77	SSW. & S.	SW.	17·5	0·0	2·7	499	+256	0·19	21·7
THURS.	16	Full	29·674	64·2	47·8	16·4	55·9	50·0	112·8	42·9	62·3	59·8	5·9	12·9	0·6	+ 3·6	81	WSW. & SW.	SSW.	9·7	0·0	1·6	449	+217	0·03	23·7
FRI.	17	..	29·810	68·6	55·3	13·3	60·9	54·2	117·6	45·7	61·3	59·5	6·7	12·8	0·6	+ 8·1	79	SW.	WSW. SW. & S.	12·4	0·0	3·1	547	+321	0·00	18·5
SAT.	18	Greatest Dec. S.	29·687	73·3	50·0	23·3	59·7	52·3	132·2	45·0	62·1	60·3	7·4	19·1	0·9	+ 6·5	77	SE. S. & SW.	SW.	8·5	0·0	1·0	369	+148	0·25	16·0
MEANS		..	29·538	67·6	50·7	16·9	58·0	49·9	122·9	45·1	62·1	59·6	8·1	15·0	1·0	+ 6·1	75	SW.		..	..	..	Sum 2709	Sum +1017	Sum 0·63	19·4
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. MAY.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY	12	The electrical apparatus was not in action throughout the week.	13·4	15·4	A very fine day. The amount of cloud was small.
MONDAY	13		4·6	15·4	Heavy rain fell in morning; fine and partially cloudy during remainder of day. Faint lunar halo at night.
TUESDAY	14		6·4	15·5	Cloudy. Showery.
WEDNESDAY	15		6·6	15·5	Cloudy. Showery. Very strong wind in afternoon; heavy rain at night.
THURSDAY	16		2·9	15·6	Generally cloudy. Rain throughout afternoon and evening.
FRIDAY	17		6·3	15·6	Partially cloudy. Lightning at night.
SATURDAY	18		8·1	15·7	Frequent heavy showers of rain with lightning and thunder in morning; very fine during the afternoon and evening, and the amount of cloud was small.
..		..	Sum 48·3	Sum 108·7	
No. of Col.		28	29	30	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29·54 in. at the beginning of the week to 29·32 in. by 9h. A.M. on the 14th; increased to 29·41 in. by 9h. P.M. on the same day; decreased to 29·30 in. by noon on the 15th; increased to 29·70 in. by noon on the 16th; decreased to 29·64 in. by 9h. P.M. on the same day; increased to 29·90 in. by 9h. P.M. on the 17th; decreased to 29·56 in. by 9h. 5m. A.M. on the 18th; and increased to 29·75 in. by the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
27th May, 1878.

United Kingdom.

During last week 5766 *births* and 3395 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality from all causes was at the average rate of 21 deaths annually in every 1000 persons living. The annual death-rate was 21 per 1000 in Edinburgh, 23 in Glasgow, and 33 in Dublin; small-pox caused 15 deaths in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Brighton 15, Wolverhampton 15, Nottingham 15, Leeds 16, Portsmouth 17, Bradford 17, Leicester 17, Hull 18, Birmingham 20, London 20, Bristol 20, Plymouth 21, Salford 21, Oldham 21, Newcastle-upon-Tyne 22, Sheffield 24, Sunderland 25, Manchester 25, and the highest rate 26 both in Norwich and Liverpool. The annual death-rate from the seven principal zymotic diseases averaged 3·4 per 1000 in the twenty towns, and ranged from 0·7 and 0·9 in Wolverhampton and Leicester, to 5·8 both in Sheffield and Newcastle-upon-Tyne. Measles showed fatal prevalence in Portsmouth and Plymouth, and scarlet fever in Sheffield and Newcastle-upon-Tyne. Small-pox caused 51 deaths in London and its suburban districts, but not one in any of the nineteen large provincial towns.

London.

In London 2349 births and 1381 deaths were registered. Allowing for increase of population, the births exceeded by 59, whereas the deaths were 21 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the six preceding weeks had steadily declined from 27·6 to 20·1 per 1000, was again equal to 20·1 last week.

The 1381 deaths included 43 from small-pox, 14 from measles, 17 from scarlet fever, 20 from diphtheria, 116 from whooping-cough, 20 from different forms of fever, and 16 from diarrhœa; thus to the seven principal diseases of the zymotic class 246 deaths were referred, against 245 and 259 in the two preceding weeks. These 246 deaths were 12 above the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 3·6 per 1000. The fatal cases of whooping-cough, which had been 110 and 102 in the two previous weeks, rose to 116 last week, exceeded the corrected average by 53, and included 37 in the East and 40 in the South groups of districts; 9 occurred in Islington, 11 in Shoreditch, 8 in Mile End Old Town, 7 in Bow and Poplar, 12 in Southwark, and 7 in Camberwell. The deaths from measles and scarlet fever showed a marked decline from the numbers in recent weeks, and were less than half the corrected averages. The fatal cases of diphtheria, however, which had been 9 and 12 in the two previous weeks, further rose to 20 last week, and exceeded the average by 15; 9 (including 3 in one family) occurred in Hampstead, Kilburn, and St. John's Wood, 2 in Kentish Town, 2 in St. Thomas' Hospital, and 2 (in the same family) in Camberwell. In Hampstead sub-district, which includes a considerable portion of Kilburn, 24 fatal cases of diphtheria have been registered since the beginning of this year. The deaths referred to fever, which had been 14 and 22 in the two previous weeks, were 20 last week, and 9 below the corrected average; 2 fatal cases were certified as typhus, 15 as enteric or typhoid, and 3 as simple continued fever. The two deceased typhus patients had resided at:—19, Minto Street, Long Lane, Bermondsey; and 14, York Street, Charlton, Woolwich.

The deaths from small-pox, which had been 48 in each of the two preceding weeks, declined to 43 last week, of which 17 were recorded in the Metropolitan Asylum Hospitals, 2 in the Highgate Small-pox Hospital, and 24 in private

dwelling-houses. Seven of the deceased small-pox patients had resided in Islington, 4 in Hackney, 3 in Fulham, 3 in Shoreditch, 3 in Camberwell, and 3 in Deptford. Of the 24 deaths from small-pox in private houses, 2 occurred in Kensington, 2 in Fulham, 4 in Islington, 3 in Hackney, 2 in Battersea, and 3 in Deptford. An inquest was held with reference to the death of the infant child of a labourer living in Islington, and the cause of death was returned by the jury as "small-pox, neglect of vaccination." Of the 43 fatal cases of small-pox, 23 were certified as unvaccinated (including 12 of children under five years of age), and 4 as vaccinated; in the remaining 16 cases (of which 12 occurred in private practice) the certifying medical practitioner omitted to give any information as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which had been 834, 829, and 766 at the end of the three previous weeks, had further declined to 725 on Saturday last; the number of new cases admitted during the week declined to 126, from 167 and 170 in the two preceding weeks. The Highgate Small-pox Hospital contained 39 patients on Saturday last, against 50 on the previous Saturday; 6 new cases were admitted during the week.

Seven fatal cases of puerperal fever were recorded; 2 occurred in Bromley-by-Bow, and one in Queen Charlotte's Lying-in Hospital.

The deaths referred to diseases of the respiratory organs, which in the six preceding weeks had steadily declined from 497 to 199, were 204 last week, and 36 below the average; 107 resulted from bronchitis, and 64 from pneumonia.

Different forms of violence caused 59 deaths; 48 were the result of negligence or accident, including 26 from fractures and contusions, 6 from burns and scalds, 7 from drowning, and 5 of infants under one year of age from suffocation. The 26 deaths from fractures and contusions were thus caused:—female aged 6, and male 21, run over by vans; male 62, crushed by van; female 6, run over by carriage; male 51, fell from cab; male 14, crushed by tram-car; male 45, kicked by horse; female 46, by leaving railway train whilst in motion; male 59, run over on the London and Brighton Railway; male 6, fell down stairs; females 1, 2, and 27, fell from windows; males 45 and 50, fell from ladders; males 30 and 36, fell from scaffolds; females 65 and 86, fell from chairs; male 56, by brick falling upon his head; male 13, by hatch falling upon his head; male 4, fell against kerb in the street; male 14, by steam machinery; male newly-born, injury to brain by accidental fall; males 58 and 55, by fractures of ribs. An inquest was held in each of these 26 cases.

Greater London.

In Greater London 2901 births and 1632 deaths were registered, equal to annual rates of 34·0 and 19·1 per 1000 of the population. Eight fatal cases of small-pox occurred in the Outer Ring, including 5 in West Ham and Stratford, one in Hillingdon, one in Enfield, and one in Ilford sub-districts. Four more deaths from diphtheria were recorded in the Northern suburbs.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 52, Bombay 39; Paris 23; Geneva 28; Brussels 22; Amsterdam 25, Rotterdam 22, The Hague 25; Copenhagen 21; Stockholm 30; Christiania 23; St. Petersburgh 64; Berlin 28, Hamburg 21, Dresden 29, Breslau 33, Munich 33; Vienna 35, Buda-Pesth 46; Rome 28, Naples 39, Turin 29, Venice 23; Alexandria 41; New York 24, Philadelphia 16, and Boston 17. The 828 deaths in St. Petersburgh included 186 from fevers.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·54 in., the highest reading was 29·81 in. on Wednesday at noon, and the lowest 29·11 in. on Friday afternoon. The mean temperature of the *air* was 51°·8, and 2°·4 below the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean on Sunday 19th instant was 56°·0, and 2°·4 above the average; on each of the other days of the week the mean was below the average, and on Tuesday was but 46°·1, showing a deficiency of 7°·8. The lowest night temperature was 38°·2 on Tuesday, and the highest day temperature in the shade 65°·5 on Friday; the extreme range in the week was, therefore, 27°·3. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 136°·1 on Friday. The difference between the mean *dew-point* and *air* temperature averaged 7°·1. The mean tempearture of the water in the Thames, derived from daily observations taken at the "Royalist" Policeship, was 59°·7. The mean degree of *humidity* of the air was 77, complete saturation being represented by 100; the air was therefore of its average dryness. The general direction of the *wind* was West to South-west, and the horizontal movement of the air averaged 15·4 miles per hour, which was 4·9 above the average in the corresponding week of 16 years. *Rain* fell on five days of the week, to the aggregate amount of 0·81 of an inch. The duration of registered sunshine in the week was 36·4 hours, the sun being above the horizon during 111·1 hours; the recorded duration of sunshine was, therefore, equal to 33 per cent. of its possible duration.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 25th May, 1878.

CITIES AND BOROUGHS. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 25th May, 1878.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
In 23 TOWNS in the UNITED KINGDOM	220,845	8,373,953	37·9	5766	3395	71·6	33·0	49·5	9·72	0·92	2·34
LONDON	75,362	3,577,304	47·5	2349	1381	65·5	38·2	51·8	11·01	0·81	2·06
BRIGHTON	2,354	103,923	44·1	59	29	64·0	40·5	50·5	10·28	0·35	0·89
PORTSMOUTH	4,486	129,461	28·9	88	41	–	–	–	–	–	–
NORWICH	7,472	84,620	11·3	48	42	64·5	40·0	50·8	10·45	0·77	1·96
PLYMOUTH	1,395	73,599	52·8	57	29	62·0	46·0	51·7	10·95	0·63	1·60
BRISTOL	4,452	206,419	46·4	155	80	61·6	37·4	50·8	10·45	1·25	3·17
WOLVERHAMPTON	3,396	74,240	21·9	57	21	66·5	33·5	48·3	9·06	0·73	1·85
BIRMINGHAM	8,400	383,117	45·6	326	146	–	–	–	–	–	–
LEICESTER	3,200	121,473	38·0	93	39	63·8	36·8	49·5	9·72	0·73	1·85
NOTTINGHAM	9,960	165,267	16·6	103	49	71·6	34·5	50·6	10·34	0·96	2·44
LIVERPOOL	5,210	532,681	102·2	422	264	59·1	41·0	49·1	9·50	0·86	2·18
MANCHESTER	4,293	360,514	84·0	242	172	–	–	–	–	–	–
SALFORD	5,170	170,251	32·9	140	68	62·5	33·0	48·0	8·89	1·26	3·20
OLDHAM	4,666	107,366	23·0	68	43	–	–	–	–	–	–
BRADFORD	7,220	185,088	25·6	123	59	66·7	37·0	47·7	8·72	1·67	4·24
LEEDS	21,572	304,948	14·1	203	95	69·0	37·0	49·2	9·55	1·37	3·48
SHEFFIELD	19,651	289,537	14·7	205	133	60·0	37·0	48·6	9·23	1·16	2·95
HULL	3,635	143,139	39·4	124	50	65·0	34·0	48·3	9·06	0·58	1·47
SUNDERLAND	3,306	112,459	34·0	86	53	62·0	40·0	49·3	9·61	0·98	2·49
NEWCASTLE-ON-TYNE	5,371	144,570	26·9	96	61	–	–	–	–	–	–
EDINBURGH	4,191	222,371	53·1	123	89	60·7	37·0	47·4	8·55	0·92	2·31
GLASGOW	6,033	566,940	94·0	404	249	59·0	37·0	48·3	9·06	0·41	1·04
DUBLIN	10,050	314,666	31·3	195	202	67·4	36·2	51·0	10·56	1·19	3·02

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.

† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday, the 25th May, 1878.

BOROUGHS, &c. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
				Deaths of		Deaths from								
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
In 20 TOWNS	20·5	3·4	2855	660	491	43	61	88	29	164	47	45	114	177	489
LONDON	20·1	3·6	1381	317	257	43	14	17	20	116	20	16	59	85	298
BRIGHTON	14·6	1·0	29	8	7	–	1	–	–	1	–	–	1	1	3
PORTSMOUTH	16·5	4·4	41	6	8	–	6	–	–	2	1	2	–	2	2
NORWICH	25·9	4·3	42	13	10	–	–	–	1	4	–	2	–	1	1
PLYMOUTH	20·6	5·7	29	9	7	–	4	1	–	1	1	1	–	1	1
BRISTOL	20·2	1·5	80	20	12	–	2	–	–	2	1	1	2	4	11
WOLVERHAMPTON	14·8	0·7	21	5	5	–	–	–	–	–	–	1	1	1	1
BIRMINGHAM	19·9	3·3	146	35	22	–	2	10	2	7	1	2	7	16	20
LEICESTER	16·8	0·9	39	11	8	–	–	–	–	2	–	–	2	6	7
NOTTINGHAM	15·5	1·3	49	12	8	–	2	1	–	–	1	–	1	3	3
LIVERPOOL	25·9	3·9	264	56	26	–	13	7	3	10	4	3	19	21	54
MANCHESTER	24·9	2·5	172	39	28	–	6	6	–	–	1	4	9	16	27
SALFORD	20·8	3·7	68	17	11	–	–	2	–	3	3	4	1	5	5
OLDHAM	20·9	3·9	43	7	8	–	2	1	2	1	1	1	–	–	5
BRADFORD	16·6	3·4	59	13	7	–	5	1	–	2	3	1	–	–	8
LEEDS	16·3	2·4	95	15	15	–	–	5	–	3	3	3	2	3	8
SHEFFIELD	24·0	5·8	133	36	19	–	1	24	–	1	4	2	2	3	15
HULL	18·2	1·5	50	15	10	–	–	1	–	1	1	1	2	2	7
SUNDERLAND	24·6	5·1	53	17	11	–	3	–	–	7	–	1	3	4	7
NEWCASTLE-ON-TYNE	22·0	5·8	61	9	12	–	–	12	1	1	2	–	3	3	6
DUBLIN	33·5	6·3	202	29	44	15	1	1	–	9	8	4	8	4	70

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the TWENTY-FIRST Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2096	1924	2219	1926	2258	2039	2068	2453	2264	2158	2140·5	2349
Males . .	1067	961	1134	917	1162	1030	1040	1300	1135	1099	1084·5	1196
Females .	1029	963	1085	1009	1096	1009	1028	1153	1129	1059	1056·0	1153
TOTAL **Deaths**	1252	1276	1239	1401	1205	1213	1385	1294	1446	1392	1310·3	1381
Males . .	654	658	653	705	631	634	703	682	765	771	685·6	754
Females .	598	618	586	696	574	579	682	612	681	621	624·7	627

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.	May 4.	May 11.	May 18.	May 25.
TOTAL **Deaths** - - -	1637	1580	1526	1676	1766	1877	1895	1773	1661	1545	1383	1380	1381
0—20 - -	823	807	767	854	899	900	954	899	876	775	709	670	707
20—40 - -	202	216	196	198	214	230	234	241	218	235	213	194	192
40—60 - -	254	249	245	283	296	346	293	279	286	240	215	258	225
60—80 - -	297	260	257	276	295	323	343	295	232	252	206	215	208
at 80 years & upwds.	61	48	61	65	62	78	71	59	49	43	40	43	49
Deaths of children: Under 1 year -	381	370	352	386	390	381	415	379	394	371	306	303	317
Deaths of children: 1—5 - -	333	331	301	351	368	402	403	375	357	286	296	261	274
Deaths of children: 5—20 - -	109	106	114	117	141	117	136	145	125	118	107	106	116
Deaths from 7 principal Zymotic Diseases	288	259	243	277	339	319	346	323	305	295	245	259	246
" " Small-pox -	54	34	53	42	48	55	58	80	63	60	48	48	43
" " Measles - -	41	46	32	34	35	30	40	31	38	29	33	28	14
" " Scarlet fever -	35	35	28	22	47	42	36	37	22	27	24	26	17
" " Diphtheria -	8	7	6	13	12	8	9	8	11	10	9	12	20
" " Whooping-cough	112	102	84	124	158	146	157	123	136	117	110	102	116
" " Typhus fever -	5	6	9	2	3	4	4	3	3	5	1	3	2
" " Enteric (or Typhoid) fever -	18	17	16	25	23	20	23	14	15	19	8	16	15
" " Simple Contd fever	4	5	2	2	2	5	5	9	6	5	5	3	3
" " Diarrhœa - -	11	7	13	13	11	9	14	18	11	23	7	21	16
" " Simple Cholera -	–	–	–	1	–	–	1	–	–	1	–	–	–
" " Dis. of Respiratory Organs -	413	362	340	402	421	474	497	398	345	284	225	199	204
" " Phthisis - -	156	162	174	154	169	208	182	188	174	189	139	171	151
" " Heart Diseases -	94	75	86	89	118	111	106	88	71	70	74	79	77
Violent Deaths - - -	48	51	35	53	57	39	49	75	64	60	66	75	59
Inquest Cases - - -	106	96	72	98	118	102	99	124	100	101	96	109	85
Deaths in Public Institutions	290	293	294	333	334	358	333	360	334	307	264	274	298
TEMPERATURE OF THE AIR:													
Mean - - - -	48·7°	46·6°	40·5°	43·3°	35·5°	40·4°	46·0°	51·5°	51·2°	55·5°	56·7°	58·0°	51·8°
Mean of Highest readings -	53·4	53·1	48·3	50·5	44·6	50·3	54·1	61·0	61·6	66·5	66·6	67·6	62·2
Mean of Lowest readings -	44·4	41·3	33·7	37·3	29·1	31·8	38·0	44·4	44·0	47·0	48·3	50·7	44·2
Mean Temperature of the Water of the Thames -	47·0	49·1	47·0	45·7	44·0	41·4	44·7	50·0	53·5	55·7	58·7	60·9	59·7
Humidity of the Air - -	81	72	74	75	76	78	75	85	80	77	79	75	77
Rain-fall in inches - -	0·34	0·00	0·09	0·00	0·71	0·38	2·85	0·73	0·20	0·66	2·10	0·63	0·81
Registered Sunshine (in hours)	4·2	19·4	19·1	9·9	18·2	34·6	45·4	17·9	40·6	35·8	33·5	48·3	36·4

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-FIRST Week of the Year 1878.

USES OF DEATH.	Average in the Twenty-first Weeks of the 10 years 1868–77.*	In the Week ending Saturday, May 25, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature –	53°·8	51°·8							
L CAUSES – –	1310·3	1381	317	274	116	192	225	208	49
PECIFIED CAUSES	1303·9	1380	316	274	116	192	225	208	49
I. ZYMOTIC.									
ORDER 1.									
Small-pox – – –	42·1	43	8	11	9	11	3	1	–
Measles – – –	36·7	14	4	9	1	–	–	–	–
Scarlet Fever – –	34·9	17	1	8	8	–	–	–	–
Diphtheria – –	5·0	20	–	7	13	–	–	–	–
Quinsy – – –	·7	2	–	–	2	–	–	–	–
Croup – – –	10·3	10	1	9	–	–	–	–	–
Whooping-cough –	58·7	116	44	70	2	–	–	–	–
Typhus – – –	27·0 (Enteric or Typhoid Fev.; Simple continued Fev.)	2	–	–	1	1	–	–	–
Enteric or Typhoid Fev.		15	–	–	4	8	3	–	–
Simple continued Fev.		3	1	–	–	1	1	–	–
Erysipelas – – –	6·8	4	1	–	–	–	2	–	1
Puerperal Fev. (Metria)	5·1	7	–	–	–	7	–	–	–
Carbuncle – – –	·8	–	–	–	–	–	–	–	–
Influenza – – –	·2	–	–	–	–	–	–	–	–
Dysentery – – –	1·3	1	–	1	–	–	–	–	–
Diarrhœa – – –	14·1	16	13	2	–	1	–	–	–
Simple Cholera – –	·1	–	–	–	–	–	–	–	–
Ague – – – –	·5	–	–	–	–	–	–	–	–
Remittent Fever –	·1	–	–	–	–	–	–	–	–
Rheumatism – –	6·5	6	–	–	1	4	1	–	–
Other *Zymotic* Diseases	·5	–	–	–	–	–	–	–	–
ORDER 2.									
Syphilis – – –	7·7	6	6	–	–	–	–	–	–
Stricture of Urethra –	1·1	–	–	–	–	–	–	–	–
Hydrophobia – –	·1	–	–	–	–	–	–	–	–
Glanders – – –	·2	–	–	–	–	–	–	–	–
ORDER 3.									
Privation – – –	·5	1	–	–	1	–	–	–	–
Want of Breast-milk –	7·3	10	10	–	–	–	–	–	–
Purpura and Scurvy –	2·2	2	–	–	1	–	1	–	–
Alcoholism { *a* Del. Tremens	2·0	–	–	–	–	–	–	–	–
Alcoholism { *b* Intemperance	1·7	2	–	–	–	1	1	–	–
ORDER 4.									
Thrush – – –	1·8	2	2	–	–	–	–	–	–
Worms, &c. – –	–	1	–	–	1	–	–	–	–
CONSTITUTIONAL.									
ORDER 1.									
Gout – – – –	2·6	3	–	–	–	–	2	1	–
Dropsy – – –	11·3	10	1	3	–	–	3	3	–
Cancer – – –	32·5	43	–	–	–	7	19	15	2
Cancrum Oris (Noma)	·4	–	–	–	–	–	–	–	–
Mortification – –	2·9	7	–	–	–	–	–	5	2
ORDER 2.									
Scrofula – – –	12·4	15	4	5	4	–	1	1	–
Tabes Mesenterica –	19·0	26	11	9	5	1	–	–	–
Phthisis – – –	166·6	151	4	3	11	76	48	9	–
Hydrocephalus – –	29·4	34	10	18	5	1	–	–	–
III. LOCAL.									
ORDER 1.									
Cephalitis – – –	20·6	31	5	18	5	2	1	–	–
Apoplexy – – –	36·3	40	1	1	–	2	12	17	7
Paralysis – – –	27·3	30	–	1	1	2	6	16	4
Insanity – – –	3·0	1	–	–	–	–	–	1	–
Chorea – – –	·3	–	–	–	–	–	–	–	–
Epilepsy – – –	7·0	7	–	–	–	3	3	1	–
Convulsions – –	47·7	50	35	13	2	–	–	–	–
Brain Disease, &c. –	20·1	23	–	3	3	1	8	6	2
ORDER 2.									
Pericarditis – –	1·9	4	–	–	1	2	1	–	–
Aneurism – – –	3·7	4	–	–	–	1	2	1	–
Heart Disease, &c. –	63·3	69	–	1	6	8	21	28	5
ORDER 3.									
Laryngitis – – –	7·5	14	4	6	1	2	–	1	–
Bronchitis – – –	118·5	107	30	26	–	3	21	24	3
Pleurisy – – –	4·6	5	–	–	1	2	2	–	–
Pneumonia – –	72·3	64	11	20	6	9	9	9	–
Asthma – – –	6·6	6	–	–	–	–	1	5	–
Lung Disease, &c. –	15·0	8	2	2	1	–	–	3	–

CAUSES OF DEATH.	Average in the Twenty-first Weeks of the 10 years 1868–77.*	In the Week ending Saturday, May 25, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature	53°·8	51°·8							
ORDER 4.									
1. Gastritis – – –	1·8	1	–	–	–	–	–	1	–
2. Enteritis – – –	5·1	7	3	–	–	–	2	2	–
3. Peritonitis – – –	5·7	7	–	2	–	2	2	1	–
4. Ascites – –	2·4	1	–	–	–	1	–	–	–
5. Ulceration of Intestines	3·4	5	–	1	2	1	–	1	–
6. Hernia – – –	2·3	3	–	–	1	–	1	–	1
7. Ileus – – – –	3·8	6	1	–	–	–	2	3	–
8. Intussusception – –	·4	1	1	–	–	–	–	–	–
9. Stricture of Intestines	1·3	2	–	–	–	1	1	–	–
10. Fistula – – –	·2	1	–	–	–	–	–	1	–
11. *Stomach Disease, &c.* –	6·3	5	–	–	–	1	2	2	–
12. *Pancreas Disease, &c.*	·1	–	–	–	–	–	–	–	–
13. Hepatitis – – –	4·8	4	–	–	–	1	2	1	–
14. Jaundice – – –	5·0	7	2	1	–	1	1	2	–
15. *Liver Disease, &c.* –	17·3	25	–	–	1	2	13	9	–
16. *Spleen Disease, &c.* –	·5	1	–	–	–	1	–	–	–
ORDER 5.									
1. Nephritis – – –	2·9	2	–	2	–	–	–	–	–
2. Ischuria – – –	–	–	–	–	–	–	–	–	–
3. Bright's Dis. (Nephria)	12·6	11	1	–	–	2	4	3	1
4. Diabetes – – –	2·1	2	–	–	–	–	2	–	–
5. Calculus (Stone) –	·5	1	–	–	–	–	–	1	–
6. Cystitis – – –	1·1	2	–	–	–	–	–	2	–
7. *Kidney Disease, &c.* –	7·7	7	–	–	1	1	2	3	–
ORDER 6.									
1. Ovarian Dropsy – –	·4	3	–	–	–	2	1	–	–
2. *Uterus Disease, &c.* –	4·6	4	–	–	–	1	1	2	–
ORDER 7.									
1. Synovitis (Arthritis) –	·2	–	–	–	–	–	–	–	–
2. *Joint Disease, &c.* –	7·1	6	–	1	2	1	2	–	–
ORDER 8.									
1. Phlegmon – – –	2·7	3	–	–	–	3	–	–	–
2. Ulcer – – – –	1·2	2	–	1	–	–	–	1	–
3. *Skin Disease, &c.* –	1·9	–	–	–	–	–	–	–	–
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth –	22·3	22	22	–	–	–	–	–	–
2. Cyanosis – – –	1·5	4	4	–	–	–	–	–	–
3. Spina Bifida – –	·8	–	–	–	–	–	–	–	–
4. Other Malformations –	1·5	2	2	–	–	–	–	–	–
5. Teething – – –	13·8	21	12	9	–	–	–	–	–
ORDER 2.									
1. Paramenia – –	·1	1	–	–	–	1	–	–	–
2. Childbirth (*see* Puerperal Fever) – –	5·5	5	–	–	–	4	1	–	–
ORDER 3.									
1. Old Age – – –	39·7	37	–	–	–	–	–	17	20
ORDER 4.									
1. Atrophy and Debility	53·4	58	51	3	1	–	–	3	–
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	18·3	26	1	3	6	4	9	2	1
2. Wounds { Gunshot –	1·2	–	–	–	–	–	–	–	–
2. Wounds { Cut, Stab		1	–	–	–	–	–	1	–
3. Burns and Scalds –	4·5	6	–	4	1	1	–	–	–
4. Poison – – –	1·1	1	–	–	–	1	–	–	–
5. Drowning – – –	5·0	7	–	–	3	1	1	2	–
6. Suffocation – –	9·4	5	5	–	–	–	–	–	–
7. Otherwise – – –	3·0	2	–	1	1	–	–	–	–
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	1·4	2	2	–	–	–	–	–	–
ORDER 4. (SUICIDE.)									
1. Wounds { Gunshot –	–	1	–	–	–	1	–	–	–
1. Wounds { Cut, Stab –	1·3	1	–	–	–	1	–	–	–
2. Poison – – –	1·5	–	–	–	–	–	–	–	–
3. Drowning – – –	1·8	3	–	–	1	–	1	1	–
4. Hanging – – –	1·6	3	–	–	–	–	3	–	–
5. Otherwise – – –	·5	1	–	–	–	1	–	–	–
ORDER 5. (EXECUTION.)									
1. Hanging – – –	·5	–	–	–	–	–	–	–	–
Sudden Deaths (Cause unascertained) – –	·8	–	–	–	–	–	–	–	–
Causes not specified or ill-defined – – –	5·6	1	1	–	–	–	–	–	–

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered ing 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, slaughter, or suicide. All such cases are classed under "accident or neglig ence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, S
during the Week

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.
LONDON	3,254,260	2349	1381	317	257	43	14	17	20	116	2	15	3	16	59
WEST DISTRICTS	561,359	353	265	69	49	9	4	4	3	12	-	7	-	4	8
NORTH DISTRICTS	751,729	532	313	66	68	15	1	3	11	18	-	3	1	7	6
CENTRAL DISTRICTS	334,369	177	129	28	24	-	1	-	-	9	-	2	1	-	10
EAST DISTRICTS	639,111	490	265	55	52	3	3	6	1	37	-	-	-	3	18
SOUTH DISTRICTS	967,692	797	409	99	64	16	5	4	5	40	2	3	1	2	17
WEST DISTRICTS.															
St. Mary Paddington *WH*	58728	38	31	9	2	1	1	2	1	3	-	1	-	-	2
St. John Paddington *H*	38085	14	12	1	1	-	-	-	-	2	-	-	-	-	1
Kensington Town *W*	91645	71	57	18	12	1	1	1	1	2	-	2	-	1	-
Brompton *H*	28654	16	9	1	3	1	-	1	-	-	-	-	-	-	-
St. Peter Hammersmith	6662	3	3	-	2	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith *H*	36029	42	19	6	3	-	1	-	-	-	-	1	-	-	1
Fulham *WwH*	23350	25	18	3	4	5	-	-	-	-	-	-	-	-	-
Chelsea South *HHH*	26420	13	12	3	1	-	-	-	-	2	-	2	-	-	1
Chelsea North-west *WHHHH*	22926	18	15	5	2	-	-	-	-	1	-	-	-	-	-
Chelsea North-east	21392	11	8	3	2	-	-	-	-	-	-	-	-	-	-
Hanover Square *H*	18698	6	5	-	-	-	-	-	-	-	-	-	-	-	-
May Fair *WW*	13358	9	11	1	5	-	-	-	-	-	-	-	-	-	-
Belgrave *HH*	57972	27	20	6	2	1	-	-	1	-	-	1	-	-	1
St. John Westminster *HH*	38478	23	4	-	1	-	-	-	-	1	-	-	-	-	-
St. Margaret Westminster *WH*	27781	14	11	2	3	-	-	-	-	1	-	-	-	-	1
Golden Square *WH*	12860	8	7	2	2	-	1	-	-	-	-	-	-	1	-
Berwick-street *H*	20759	5	8	3	2	-	-	-	-	-	-	-	-	1	-
St. Anne Soho *HHHHH*	17562	10	15	6	2	-	-	-	-	-	-	-	-	1	1
NORTH DISTRICTS.															
All Souls Marylebone *HHHH*	28579	11	15	2	4	-	1	-	-	-	-	-	-	1	-
Cavendish Square *HH*	15425	4	3	-	2	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone *WH*	26384	24	14	1	4	-	-	-	-	-	-	-	-	-	-
St. Mary Marylebone *HHH*	21786	21	6	1	2	-	-	-	-	-	-	-	-	-	-
Christchurch Marylebone *H*	33944	12	12	6	2	-	-	-	-	-	-	-	-	1	-
St. John Marylebone *H*	33136	20	10	1	-	-	-	-	2	1	-	-	-	-	-
Hampstead *WwHH*	32281	22	21	4	1	5	-	-	7	1	-	-	-	-	-
Regent's Park Pancras	38200	21	6	2	1	-	-	-	-	-	-	-	-	-	1
Tottenham-court *wHHH*	29370	14	13	-	5	-	-	-	-	-	-	-	-	-	1
Gray's Inn Lane *HHH*	29221	18	6	2	4	-	-	-	-	-	-	-	-	-	-
Somers Town	38533	22	14	3	3	-	-	-	-	2	-	-	-	2	-
Camden Town *WH*	17943	10	15	3	7	-	-	-	-	-	-	-	-	2	-
Kentish Town *w*	68198	57	21	5	2	-	-	3	2	1	-	-	-	-	-
Islington West *HHH*	97820	70	45	12	7	3	-	-	-	2	-	1	-	1	2
Islington East *WwwH*	115958	95	55	13	15	3	-	-	-	7	-	-	1	-	1
Stoke Newington *H*	9841	9	9	4	-	-	-	-	-	1	-	-	-	-	-
Stamford Hill	6598	6	2	-	1	-	-	-	-	-	-	-	-	-	-
West Hackney	28069	33	6	1	-	-	-	-	-	2	-	2	-	-	-
Hackney *WwwHL*	50104	46	28	4	6	2	-	-	-	1	-	-	-	-	1
South Hackney	30339	17	12	2	2	2	-	-	-	-	-	-	-	-	-
CENTRAL DISTRICTS.															
St. George Bloomsbury	17853	12	4	1	-	-	-	-	-	-	-	-	-	-	-
St. Giles South *WH*	19109	9	15	3	3	-	1	-	-	-	-	1	-	-	-
St. Giles North	16594	7	7	3	-	-	-	-	-	2	-	-	1	-	1
Long Acre	11379	9	6	3	-	-	-	-	-	-	-	-	-	-	-
Charing Cross *HH*	9859	4	8	-	4	-	-	-	-	-	-	-	-	-	2
St. Mary-le-Strand	9378	1	2	1	1	-	-	-	-	-	-	-	-	-	-
St. Clement Danes *H*	10723	1	7	-	3	-	-	-	-	-	-	-	-	-	1
St. George-the-Martyr *HHHHH*	20521	7	6	-	-	-	-	-	-	1	-	-	-	-	-
St. Andrew Eastern *W*	13529	2	15	2	7	-	-	-	-	1	-	-	-	-	1
Saffron Hill *H*	9066	5	2	1	-	-	-	-	-	1	-	-	-	-	-
St. James Clerkenwell *W*	18917	17	6	1	-	-	-	-	-	1	-	-	-	-	-
Amwell Clerkenwell	16884	9	1	-	1	-	-	-	-	-	-	-	-	-	-
Pentonville	13337	9	6	2	2	-	-	-	-	-	-	-	-	-	-
Goswell-street	16242	18	1	-	-	-	-	-	-	-	-	-	-	-	-
Old-street *H*	12161	10	7	1	-	-	-	-	-	2	-	-	-	-	-
City-road *HHL*	18301	22	8	6	1	-	-	-	-	1	-	-	-	-	1
Whitecross-street	13792	1	4	-	1	-	-	-	-	-	-	-	-	-	-
Finsbury	10741	8	3	2	-	-	-	-	-	-	-	-	-	-	1
St. Botolph East London *H*	14540	7	1	-	-	-	-	-	-	-	-	-	-	-	-
Cripplegate	13638	8	3	1	1	-	-	-	-	-	-	-	-	-	-
St. Sepulchre *H*	7562	2	12	-	-	-	-	-	-	-	-	-	-	-	3
St. Bride *W*	11185	6	-	-	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard	4426	2	1	1	-	-	-	-	-	-	-	-	-	-	-
Christchurch	6270	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe	4753	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking	5764	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Broad-street *H*	7845	1	1	-	-	-	-	-	-	-	-	1	-	-	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: *W*—Work
H—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, s
at the foot of next page.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
urday, 25th May 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
lywell Shoreditch	12430	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leonard Shoreditch *HL*†	16545	5	4	2	1	-	-	-	-	3	-	-	-	-	-	-	-
xton New Town *w*	27835	24	12	4	4	-	-	1	-	-	-	-	-	-	-	-	3
xton Old Town	26933	13	9	-	2	-	-	-	-	4	-	-	-	-	1	1	-
ggerston *WH*	43421	28	22	3	4	1	-	2	-	4	-	-	-	-	-	-	6
ckney-road *H*	29822	23	7	-	1	-	-	-	-	2	-	-	-	1	-	-	-
een, Bethnal Green *WHL*†	42433	35	13	4	5	-	-	1	-	-	-	-	-	-	1	1	3
urch, Bethnal Green	26577	17	8	1	1	-	-	-	-	1	-	-	-	-	-	-	-
wn, Bethnal Green	21272	17	9	1	2	-	-	1	-	1	-	-	-	-	-	-	-
italfields *H*	22499	14	9	3	1	-	1	-	-	-	-	-	-	-	3	3	1
le End New Town *W*	15550	14	8	2	2	-	-	-	-	2	-	-	-	-	-	2	6
hitechapel North	11597	12	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
hitechapel Church *H*	7322	2	16	-	3	-	-	-	-	-	-	-	-	-	3	3	14
odman's Fields	10381	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
dgate	9224	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mary St. George East	17900	12	8	3	-	-	-	-	-	2	-	-	-	-	1	1	-
Paul St. George East	21350	20	6	-	-	-	-	1	-	1	-	-	-	-	-	-	-
John St. George East *W*	8802	4	12	1	2	-	-	-	-	2	-	-	-	-	2	2	5
adwell *H*	11640	4	6	1	2	-	-	-	-	-	-	-	-	1	-	-	2
tcliff	16131	13	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-
mehouse	29919	24	7	1	-	1	-	-	-	-	-	-	-	-	-	-	-
ile End Old Town Western	38128	30	17	4	2	1	-	-	1	4	-	-	-	1	-	2	-
le End Old Town Eastern *WwwH*	55024	44	19	4	8	-	-	-	-	4	-	-	-	-	2	2	4
w *wwwH*	67765	83	43	9	10	-	1	-	-	5	-	-	-	-	4	4	16
plar *WW*	48611	40	20	10	1	-	1	-	-	2	-	-	-	-	1	2	1
SOUTH DISTRICTS.																	
ristchurch Southwark *WH*	14573	9	6	-	2	-	-	-	-	1	-	-	-	-	-	-	2
Saviour Southwark *H*	15677	11	7	4	1	-	-	-	-	1	-	-	-	-	1	1	-
nt-road	20421	20	9	1	-	-	-	1	-	-	-	-	1	-	1	1	-
rough-road *WH*	16695	15	8	2	-	1	1	-	-	2	-	-	-	-	1	2	-
ndon-road *HL*	18961	17	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
inity Newington	23682	14	6	3	-	-	-	-	-	3	-	-	-	-	-	-	-
Peter Walworth *W*	48248	46	29	6	4	-	-	1	-	-	-	-	-	1	-	1	8
Mary Newington	16792	14	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Olave Southwark *H*	4373	3	13	-	1	-	-	-	-	1	-	-	-	-	3	3	10
John Horsleydown *W*	10500	8	4	-	-	-	-	-	-	-	-	-	-	-	-	1	-
ather Market	16787	16	4	-	1	-	-	-	-	1	-	-	-	-	-	-	-
Mary Magdalen *W*	15709	8	8	1	3	-	1	-	-	1	-	-	-	-	-	-	2
James Bermondsey	47933	47	15	4	1	-	-	-	-	4	-	-	-	-	-	-	-
therhithe *W*	27096	23	9	-	2	-	1	-	1	1	-	-	-	-	-	-	-
aterloo-road 1st *H*	14074	12	10	4	-	-	-	1	-	1	-	-	-	-	-	-	3
aterloo-road 2nd *H*	18465	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
mbeth Church 1st *H*	19492	22	12	2	1	-	-	-	2	-	-	-	-	-	4	6	8
mbeth Church 2nd *WW*	35833	30	15	3	2	-	2	1	-	-	-	-	-	-	-	-	7
nnington 1st	41286	32	14	2	-	-	-	-	-	1	-	-	-	-	-	-	-
nnington 2nd	31221	18	14	2	4	-	-	-	-	1	-	-	-	-	-	-	-
ixton *w*	35435	40	13	3	1	3	-	-	-	2	1	2	-	-	-	-	6
orwood *W*	12536	10	5	1	3	-	-	-	-	-	-	-	-	-	-	-	-
apham *H*	27347	18	18	7	2	-	-	-	-	3	-	-	-	-	1	1	1
ttersea *Ww*	54016	67	30	8	1	2	-	-	-	1	-	-	-	-	-	1	5
andsworth *HL*	19783	12	9	2	3	-	-	-	-	-	-	-	-	1	-	-	2
itney	9439	6	4	2	1	1	-	-	-	1	-	-	-	-	-	-	-
reatham	14475	10	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
lwich	4041	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
mberwell *WL*†*L*†	31254	31	19	3	5	1	-	-	2	2	-	1	-	-	-	-	4
ckham *W*	42160	48	16	4	3	-	-	-	-	3	-	-	-	-	1	1	-
George Camberwell	33851	28	11	5	2	-	-	-	-	2	-	-	-	-	1	1	-
Paul Deptford *w*	53714	54	26	7	3	8	-	-	-	3	-	-	-	-	-	-	5
Nicholas Deptford	6474	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
reenwich West	21034	12	6	2	-	-	-	-	-	1	-	-	-	-	1	1	-
reenwich East *WH*	19378	10	16	4	8	-	-	-	-	-	-	-	-	-	1	1	10
tham *H*	4539	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
e	16440	7	5	1	3	-	-	-	-	-	-	-	-	-	-	-	-
wisham Village *WH*	11513	11	5	3	1	-	-	-	-	1	-	-	-	-	1	2	-
denham *H*	19065	13	7	5	1	-	-	-	-	1	-	-	-	-	-	-	-
arlton *H*	9564	6	2	-	1	-	-	-	-	-	1	-	-	-	-	-	-
oolwich Dockyard	17226	9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
oolwich Arsenal *WHH*	18331	12	7	1	1	-	-	-	-	2	-	-	-	-	1	1	1
umstead West	13027	2	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
umstead East *W*	15232	10	5	1	1	-	-	-	-	-	-	-	-	-	-	-	1

'he following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the ve Table by *w*:—

Central London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary " " "
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 25th May 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
	LONDON—OUTER RING	368,414	631,381	552	251	57	57	8	5	2	6	6	3	5	7	13
29 : 1	Carshalton *wL* - - -	12228	13523	12	3	2	1	-	-	-	-	-	-	1	-	-
2	Epsom (*part of*) * *WH* -	9971	9145	9	4	1	-	-	-	-	-	-	-	-	-	-
36 : 1	Godstone (*part of*) * - -	2754	900	1	1	1	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	60	24	6	4	-	-	-	1	1	-	1	-	1
2	Mitcham *WH* - - -	11697	12534	7	1	-	-	-	-	-	-	1	-	-	-	-
38 : 1	Wimbledon *HH* - - -	3220	9087	8	3	-	2	-	-	-	-	-	1	-	-	1
2	Kingston *WH* - - -	8549	27489	14	13	-	6	-	-	-	-	-	-	-	1	1
3	Esher (*part of*) * - -	6601	7353	5	3	-	-	-	-	-	-	-	-	-	-	-
4	Hampton - - - -	4573	10185	7	2	-	1	-	-	-	-	-	-	-	-	-
39 : 1	Richmond *WH* - - -	2271	16829	15	8	1	4	-	-	-	-	-	-	1	1	2
2	Mortlake - - - -	2961	9316	4	3	1	-	-	-	-	-	-	-	-	1	1
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	20	6	1	-	-	-	-	-	-	-	-	-	-
2	Chislehurst (*part of*) * *W* -	13665	10028	7	7	1	-	-	-	-	-	-	-	-	-	-
41 : 1	Bexley *H* - - - -	13439	19566	20	6	1	2	-	-	-	-	-	-	-	-	-
123 : 1	Sunbury *W* - - -	11055	9860	10	2	1	-	-	-	-	-	-	-	-	-	-
2	Staines *W* - - - -	13277	10339	5	1	1	-	-	-	-	-	-	-	-	-	-
124 : 1	Hillingdon *WH* - - -	6029	9712	4	2	1	-	1	-	-	-	-	-	-	-	-
2	Uxbridge - - - -	6178	5329	2	-	-	-	-	-	-	-	-	-	-	-	-
3	Hayes *WL* - - - -	14587	10497	4	5	-	2	-	-	-	-	-	-	-	-	-
125 : 1	Isleworth *W* - - -	7008	19930	10	10	3	6	-	1	-	-	-	-	-	1	1
2	Twickenham - - -	2477	10533	6	4	-	3	-	-	-	-	-	-	-	-	-
3	Brentford *HL* - - -	4370	20279	7	4	1	-	-	-	1	-	-	-	-	-	-
4	Chiswick - - - -	1311	8508	2	4	1	1	-	-	-	-	-	-	-	-	-
5	Acton *WH* - - - -	6087	12683	13	6	1	4	-	1	-	-	-	-	-	-	-
126 : 1	Harrow *H* - - - -	13809	10869	7	2	-	2	-	-	-	-	-	-	-	-	-
2	Edgware *H* - - -	6994	3450	2	2	-	1	-	-	-	1	-	-	-	-	-
3	Willesden - - - -	4383	15869	11	9	4	-	-	1	-	-	2	-	-	-	1
4	Hendon *WH* - - -	8382	6972	4	2	-	1	-	1	-	-	-	-	-	-	-
127 : 1	South Mimms - - -	15419	5924	1	2	1	-	-	-	-	-	-	-	-	2	2
2	Barnet *W* - - - -	5423	7752	5	4	1	-	-	-	-	-	-	-	-	-	-
3	Finchley *L* - - - -	4688	11493	11	9	-	3	-	-	-	1	-	-	-	-	-
128 : 1	Hornsey *H* - - - -	3039	19357	21	5	1	-	-	-	-	1	-	-	-	-	-
2	Tottenham *H* - - -	4642	22869	23	9	3	3	-	-	-	-	-	-	-	-	-
3	Edmonton *WW* - - -	7483	13860	16	10	3	3	-	-	1	1	-	-	-	-	-
4	Enfield *WH* - - -	12653	16054	17	8	4	-	1	-	-	-	-	-	-	-	-
5	Waltham Abbey - - -	11017	5197	8	1	1	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	4	3	-	2	-	-	-	-	-	-	-	-	-
134 : 1	Hatfield (*part of*) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	8	3	-	-	-	-	-	-	-	1	-	1	1
185 : 1	Stratford - - - -	882	23286	29	13	2	1	2	-	-	1	-	-	-	-	2
2	West Ham *WWWW* - -	7345	44642	69	28	8	4	3	1	-	-	2	1	-	-	-
3	Leyton *WW* - - -	4274	15513	17	12	1	1	-	-	-	-	-	-	1	-	-
4	Walthamstow *H* - -	6619	15701	20	3	3	-	-	-	-	-	-	-	1	-	-
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	7	-	-	-	-	-	-	-	-	-	-	-	-
188 :	Romford (*part of*) * - -	6730	2879	2	1	-	-	-	-	-	-	-	-	-	-	-
2	Ilford - - - - -	8492	5947	5	1	-	-	1	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	13	2	1	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as fol 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Go sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, exce two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoido (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 25th May 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Deaths in Public Institutions.
EATER LONDON	446,494	4,450,015	19·1	3·3	1632	374	314	51	19	19	26	122	23	21	66	340
INNER LONDON -	78,080	3,577,304	20·1	3·6	1381	317	257	43	14	17	20	116	20	16	59	298
OUTER RING -	368,414	872,711	15·0	2·1	251	57	57	8	5	2	6	6	3	5	7	42

OTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal 97·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area 8,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, hich 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than iles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,759,796 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	April	20	-	424	51·5	Small-pox 116; cholera 77.
BOMBAY - -	644,405	"	23	-	483	39·0	Small-pox 16; cholera 22; measles 24.
MADRAS - -	397,552	"	5	-	-	-	—
PARIS - - -	1,988,806	May	23	-	868	22·7	Diphtheria 26; typhoid fever 11; measles 14.
GENEVA - -	68,792	"	18	33	37	28·1	—
BRUSSELS - -	175,782	"	11	106	73	21·7	Whooping-cough 3; typhoid fever 3.
AMSTERDAM -	302,266	"	11	194	147	25·2	Typhus and typhoid fev. 5; measles 4.
ROTTERDAM -	142,585	"	11	109	61	22·2	—
THE HAGUE -	107,896	"	11	78	51	24·5	—
COPENHAGEN -	220,000	"	14	186	87	20·6	—
STOCKHOLM -	146,845	"	11	-	85	30·1	Typhoid fever 3.
CHRISTIANIA -	105,000	"	18	89	47	22·8	Diphtheria and croup 2.
ST. PETERSBURGH	669,741*	"	11	-	828	64·3*	Small-pox 14; typhus and typhoid fever 142.
BERLIN - -	1,019,620	"	4	821	551	27·9	Measles 12; diphtheria 22.
HAMBURG (State)	406,604	"	11	319	161	20·7	Whooping-cough 3; typhus and typhd. fev. 3.
DRESDEN - -	207,845	"	11	134	116	29·0	Scarlet fever 4; diphtheria and croup 5.
BRESLAU - -	267,000	"	18	199	167	32·5	Fevers 3.
MUNICH - -	222,000	"	18	191	140	33·0	Diphtheria and croup 3.
VIENNA - -	727,271	"	18	562	485	34·7	Small-pox 8; diphtheria 18; measles 13.
BUDA-PESTH -	319,530	"	11	262	282	45·9	Typhus and typhoid fever 8; diphtheria 9.
ROME - - -	282,214	April	27	139	149	27·5	Typhus and typhd. fev. 6; diphtheria and croup 9.
NAPLES - -	457,407	"	8	-	364	41·5	Typhus and typhoid fev. 9; small-pox 2.
		"	15	-	341	38·9	Typhus and typhoid fever 15; croup 4.
TURIN - -	227,843	May	11	124	127	29·1	Typhus and typhoid fev. 7; whooping-cough 6.
VENICE - -	139,796	"	11	71	62	23·1	Typhus and typhoid fever 3.
ALEXANDRIA -	212,034	"	9	168	166	40·8	Small-pox 2.
NEW YORK -	1,084,528	April	27	-	503	24·0	Scarlet fever 26; diphtheria 19.
BROOKLYN -	549,438	"	27	-	-	-	—
PHILADELPHIA	876,118	May	4	-	266	15·8	Scarlet fever 9; typhoid fever 7; diphtheria 9.
BOSTON - -	363,000	April	27	-	118	16·9	Scarlet fever 3.

* The rate of mortality in St. Petersburgh is calculated on the population enumerated at the last Census in 1869, and is thus probably overstated, as the population of the city is said to have increased in a remarkable manner since that date.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 25th MAY, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Between Dew Point and Air Temperature. Greatest.	Between Dew Point and Air Temperature. Least.	Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure on square foot. Greatest.	Osler's. Pressure on square foot. Least.	Osler's. Pressure on square foot. Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
MAY.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN.	19	..	29·699	63·7	49·8	13·9	56·0	46·5	128·5	45·0	62·3	60·3	9·5	14·6	2·1	+ 2·4	71	SW.	SW. & WSW.	17·5	0·0	4·4	651	+421	0·00	17·7
MON.	20	..	29·654	60·2	42·7	17·5	49·4	45·2	113·9	36·0	62·3	60·3	4·2	11·8	2·7	— 4·3	86	WSW.	WSW. & NNW.	8·6	0·0	0·9	397	+150	0·22	12·8
TUES.	21	..	29·740	58·2	38·2	20·0	46·1	40·0	109·2	31·6	61·3	59·3	6·1	16·6	3·1	— 7·8	79	NW. & WNW.	W. WNW. & WSW.	10·0	0·0	0·7	394	+136	0·06	1·0
WED.	22	..	29·773	61·0	40·7	20·3	50·6	40·8	111·5	34·9	60·8	58·5	9·8	17·9	0·0	— 3·5	69	WSW. WNW. & W.	W. & SW.	1·2	0·0	0·1	267	+ 8	0·00	2·3
THURS.	23	..	29·251	64·4	46·2	18·2	53·6	50·0	98·2	46·2	59·5	57·3	3·6	10·6	0·6	— 0·7	88	SSW. SE. & S.	SW.	3·3	0·0	0·6	310	+ 56	0·32	13·8
FRI.	24	Last Qr.	29·144	65·5	47·8	17·7	54·5	46·9	136·1	45·0	59·3	57·3	7·6	16·4	0·6	— 0·1	76	SW.	SW. & NNW.	6·7	0·0	0·4	322	+ 72	0·20	17·0
SAT.	25	In Equator Apogee.	29·519	62·2	44·2	18·0	52·3	43·1	115·7	41·3	59·3	57·3	9·2	16·5	2·9	— 2·7	71	NNW.	W. & WSW.	2·9	0·0	0·2	238	— 12	0·01	7·0
MEANS		..	29·540	62·2	44·2	17·9	51·8	44·6	116·2	40·0	60·7	58·6	7·1	14·9	1·7	— 2·4	77	W. to SW.		..	..	..	Sum 2579	Sum +831	Sum 0·81	10·2
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. MAY.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY	19	The electrical apparatus was not in action throughout the week.	9·7	15·7	Fine; partially cloudy. Strong wind. Light showers in afternoon and evening.
MONDAY	20		0·4	15·8	Cloudy. Frequent rain.
TUESDAY	21		9·6	15·8	Cloudy. Showery.
WEDNESDAY	22		5·3	15·9	Cloudy. Fine.
THURSDAY	23		0·9	15·9	Cloudy. Rain fell heavily in the morning.
FRIDAY	24		3·0	16·0	Generally cloudy. Rain fell frequently in afternoon and evening.
SATURDAY	25		7·5	16·0	The amount of cloud was variable during the day, with occasional slight showers; fine at night.
..		..	Sum 36·4	Sum 111·1	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and — "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29·75 in. at the beginning of the week to 29·62 in. by 3h. P.M. on the 20th; increased to 29·81 in. by noon on the 22nd; decreased to 29·11 in. by 3h. P.M.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

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General Register Office, Somerset House,
3rd June, 1878.

United Kingdom.

During last week 6276 *births* and 3362 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality from all causes was at the average rate of 21 deaths annually in every 1000 persons living. The annual death-rate was 24 per 1000 in Edinburgh, 22 in Glasgow, and 25 in Dublin ; small-pox caused 15 deaths in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow :—Leicester 14, Portsmouth 15, Hull 15, Wolverhampton 17, Bristol 17, Brighton 19, Birmingham 19, Oldham 19, Leeds 20, Norwich 20, Bradford 20, Manchester 20, London 21, Nottingham 21, Liverpool 23, Plymouth 23, Salford 24, Sheffield 24, Newcastle 25, and the highest rate 27 in Sunderland. The annual death-rate from the seven principal zymotic diseases averaged 3·6 per 1000 in the twenty towns, and ranged from 1·3 in Leicester, to 7·0 and 7·1 in Sunderland and Plymouth. Measles and whooping-cough showed fatal prevalence both in Plymouth and in Sunderland. Small-pox caused 44 deaths in London and its suburban districts, and one in Sheffield.

London.

In London 2539 births and 1419 deaths were registered. Allowing for increase of population, the births exceeded by 209, and the deaths by 19, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which had been equal to 20·1 per 1000 in each of the two preceding weeks, rose last week to 20·7.

The 1419 deaths included 40 from small-pox, 15 from measles, 17 from scarlet fever, 17 from diphtheria, 152 from whooping-cough, 15 from different forms of fever, and 20 from diarrhœa; thus to the seven principal diseases of the zymotic class 276 deaths were referred, against 259 and 246 in the two preceding weeks. These 276 deaths were 37 above the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 4·0 per 1000. The fatal cases of whooping-cough, which had been 102 and 116 in the two previous weeks, further rose to 152 last week, of which 36 occurred in the East and 52 in the South groups of districts ; the disease showed especial fatality in Pancras, Islington, Hackney, Clerkenwell, Shoreditch, Bethnal Green, Southwark, and Lambeth. The mortality from scarlet fever and measles continues exceptionally low. The fatal cases of diphtheria, however, which had been 9, 12, and 20 in the three previous weeks, were 17 last week, of which 11 occurred in the North group of districts, including 5 in St. John's Wood, 3 in Hampstead, one in Kilburn, and 2 in Hackney. The deaths referred to fever, which had been 22 and 20 in the two previous weeks, declined to 15 last week ; 4 fatal cases were certified as typhus, and 11 as enteric or typhoid fever. The four fatal cases of typhus occurred at :—St. George's Workhouse Infirmary, Fulham Road ; 22, Huddart Street, Mile End Old Town ; 72, Church Street, Rotherhithe ; and at 3, Gloucester Street, Lambeth.

The deaths from small-pox, which had been 48 and 43 in the two preceding weeks, further declined to 40 last week, of which 24 occurred in the Metropolitan Asylum Hospitals, 3 in the Highgate Small-pox Hospital, and 13 in private dwelling-houses. Seven of the deceased small-pox patients had resided in Pancras, 4 in Hackney, and 4 in Greenwich. All the 7 Pancras cases were recorded in hospitals, whereas 2 in Islington and 2 in Newington occurred in private houses. Of the 40 fatal cases of small-pox, 20 were certified as unvaccinated and 11 as vaccinated ; in the remaining 9 cases (of which 8 occurred in private practice) the certifying medical practitioners omitted to give any information as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which was 854 on 20th April last, has since declined, and on Saturday last it had fallen to 638; the number of new cases admitted, which had been 170 and 126 in the two preceding weeks, further fell to 108 last week, a smaller number of admissions than in any previous week of this year. The Highgate Small-pox Hospital contained 48 patients on Saturday last, against 50 and 39 on the two preceding Saturdays; 20 new cases were admitted during the week.

In a recently published report dealing with the statistics of the Homerton Small-pox Hospital from 1st February 1871, when patients were first received, till 31st December last, Dr. William Gayton, the Medical Superintendent, makes a statement bearing upon the efficacy of adult re-vaccination as a protection from small-pox, which cannot be too generally known. He says:—"That *one only* amongst the "large number of nurses and others who have been occupied here (and in her case "*the operation was neglected*) should have contracted the disease is, or should be, "convincing proof of its great and almost certain prophylactic influence." Dr. Gayton has further informed the Registrar General that since the hospital was opened, more than seven years ago, 367 nurses and others have been engaged in the work of the hospital, and with the solitary accidental exception mentioned, re-vaccination has been an indispensable condition of employment, unless the applicant had had small-pox or had already been re-vaccinated. The result has been that not one of these has contracted small-pox while there employed.

The deaths of a railway clerk, aged 25 years, in Marylebone, and of an infant aged 14 months, in Holborn, were referred to "purpura hæmorrhagica."

Different forms of violence caused 55 deaths; 49 were the result of negligence or accident, including 15 from fractures and contusions, 2 from burns and scalds, 15 from drowning, and 12 of infants under one year of age from suffocation. The 15 deaths from fractures and contusions were thus caused:—males aged 32 and 3, run over by vans; male 48, run over by wagon; female 2, run over by dray; males 35 and 41, run over on South-Western Railway; males 40 and 59, run over on other railways; female 37, fell into area; male 32, blow while fighting; male 2, fall in running; male 26, fractured spine; female 1, concussion of brain from fall; male 49, fractured skull; and female 60, fractured femur. An inquest was held in each case except the last, which was certified by a registered medical practitioner.

Greater London.

In the Greater London 3099 births and 1664 deaths were registered, equal to annual rates of 36·3 and 19·5 per 1000 of the population. Small-pox caused 3 more deaths at West Ham, and one at Barnet. Two fatal cases of diphtheria were recorded in Edmonton, and one in Hendon sub-districts.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 40, Bombay 43, Madras 46; Paris 23; Geneva 22; Brussels 26; Amsterdam 27, Rotterdam 21, The Hague 23; Copenhagen 22; Stockholm 29; Christiania 13; St. Petersburgh 57; Berlin 27, Hamburg 27, Dresden 28, Breslau 32, Munich 35; Vienna 38, Buda-Pesth 43; Rome 28, Naples 37, Turin 34, Venice 28; Alexandria 40; New York 22, and Philadelphia 18. The 726 deaths in St. Petersburgh included 158 from fevers.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·77 in.; the lowest reading was 29·59 in. at the beginning of the week and on Tuesday afternoon, and the highest 29·99 in. on Thursday at noon. The mean temperature of the *air* was 52°·7, and 3°·1 below the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean on Tuesday was 55°·8 and slightly exceeded the average, while on each of the other days it was considerably below the average; the coldest day was Thursday, when the mean was only 50°·1, and 5°·9 below the average. The lowest night temperature was 40°·2 on Friday, and the highest day temperature in the shade 66°·0 on Sunday; the extreme range in the week was, therefore, 25°·8. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 142°·6 on Sunday. The difference between the mean *dew-point* and *air* temperature averaged 6°·0. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 58°·3. The mean degree of *humidity* of the air was 81, complete saturation being represented by 100; the air was therefore of its average dryness. The direction of the *wind* was variable, and the horizontal movement of the air averaged 8·5 miles per hour, which was 1·9 below the average in the corresponding week of 16 years. *Rain* fell on five days of the week, to the aggregate amount of 0·39 of an inch. The duration of registered sunshine in the week was 29·3 hours, the sun being above the horizon during 112·9 hours; the recorded duration of sunshine was, therefore, equal to 26 per cent. of its possible duration.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 1st June, 1878.

CITIES AND BOROUGHS. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 1st June, 1878.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
In 23 TOWNS in the UNITED KINGDOM	220,845	8,373,953	37·9	6276	3362	69·2	35·2	51·9	11·06	0·38	0·97
LONDON	75,362	3,577,304	47·5	2539	1419	66·0	40·2	52·7	11·50	0·39	0·99
BRIGHTON	2,354	103,923	44·1	77	37	66·0	44·6	52·7	11·50	1·21	3·07
PORTSMOUTH	4,486	129,461	28·9	79	37	–	–	–	–	–	–
NORWICH	7,472	84,620	11·3	71	32	64·0	42·5	52·7	11·50	0·43	1·09
PLYMOUTH	1,395	73,599	52·8	49	33	63·0	45·0	52·9	11·61	0·51	1·30
BRISTOL	4,452	206,419	46·4	145	69	69·2	38·8	52·0	11·11	0·19	0·48
WOLVERHAMPTON	3,396	74,240	21·9	57	24	65·5	39·4	50·3	10·17	0·45	1·14
BIRMINGHAM	8,400	383,117	45·6	294	141	–	–	–	–	–	–
LEICESTER	3,200	121,473	38·0	117	33	66·2	44·0	53·4	11·89	0·38	0·97
NOTTINGHAM	9,960	165,267	16·6	125	67	69·0	41·3	53·3	11·84	0·27	0·69
LIVERPOOL	5,210	532,681	102·2	457	231	62·5	46·0	51·3	10·73	0·33	0·84
MANCHESTER	4,293	360,514	84·0	276	141	–	–	–	–	–	–
SALFORD	5,170	170,251	32·9	172	77	67·5	35·2	50·0	10·00	0·15	0·38
OLDHAM	4,666	107,366	23·0	74	40	–	–	–	–	–	–
BRADFORD	7,220	185,088	25·6	140	72	64·0	39·4	50·4	10·22	0·80	2·03
LEEDS	21,572	304,948	14·1	259	114	65·0	39·0	50·9	10·50	0·14	0·36
SHEFFIELD	19,651	289,537	14·7	200	135	64·0	38·0	50·3	10·17	0·39	0·99
HULL	3,635	143,139	39·4	123	42	66·0	42·0	51·8	11·01	0·09	0·23
SUNDERLAND	3,306	112,459	34·0	94	58	65·0	44·0	52·3	11·28	0·22	0·56
NEWCASTLE-ON-TYNE	5,371	144,570	26·9	109	69	–	–	–	–	–	–
EDINBURGH	4,191	222,371	53·1	153	101	64·6	40·0	52·2	11·22	0·19	0·48
GLASGOW	6,033	566,940	94·0	448	238	65·0	42·0	53·4	11·89	0·36	0·91
DUBLIN	10,050	314,666	31·3	218	152	68·1	35·7	51·8	11·01	0·42	1·07

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.

† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday the 1st June, 1878.

BOROUGHS, &c. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
				Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.		
In 20 TOWNS	20·6	3·6	2871	660	481	41	60	82	24	217	33	50	106	170	461
LONDON	20·7	4·0	1419	346	228	40	15	17	17	152	15	20	55	92	280
BRIGHTON	18·6	1·5	37	9	10	–	–	–	–	3	–	–	1	1	8
PORTSMOUTH	14·9	3·2	37	5	10	–	4	–	1	–	2	1	2	2	3
NORWICH	19·7	2·5	32	6	9	–	–	–	–	3	–	1	–	2	1
PLYMOUTH	23·4	7·1	33	–	7	–	5	–	1	3	1	–	–	3	4
BRISTOL	17·4	1·5	69	16	14	–	2	–	–	2	–	2	1	4	14
WOLVERHAMPTON	16·9	3·5	24	4	3	–	–	2	–	2	–	1	2	2	2
BIRMINGHAM	19·2	3·5	141	34	25	–	2	13	–	9	–	2	4	6	22
LEICESTER	14·2	1·3	33	12	4	–	2	–	–	1	–	–	1	1	5
NOTTINGHAM	21·2	2·2	67	18	19	–	2	2	–	1	1	1	4	4	8
LIVERPOOL	22·6	4·3	231	46	23	–	15	8	–	9	6	6	13	14	28
MANCHESTER	20·4	1·9	141	30	26	–	3	4	–	1	3	2	3	10	23
SALFORD	23·6	4·6	77	18	13	–	1	4	–	8	–	2	1	4	16
OLDHAM	19·4	6·3	40	6	6	–	4	4	2	1	–	2	2	3	1
BRADFORD	20·3	2·3	72	12	14	–	–	3	1	3	1	–	–	1	7
LEEDS	19·5	2·1	114	23	24	–	–	3	–	5	–	4	3	8	8
SHEFFIELD	24·3	5·4	135	36	22	1	1	18	1	4	2	3	4	2	16
HULL	15·3	1·5	42	13	4	–	–	–	–	1	1	2	2	2	2
SUNDERLAND	26·9	7·0	58	18	4	–	4	1	1	8	–	1	5	6	6
NEWCASTLE-ON-TYNE	24·9	1·8	69	8	16	–	–	3	–	1	1	–	3	3	7
DUBLIN	25·2	5·5	152	20	32	15	–	1	–	7	7	3	6	5	62

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the TWENTY-SECOND Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2039	2100	2150	1992	2234	2094	2233	2258	2452	2225	2177·7	2539
Males . .	1018	1080	1101	1024	1125	1075	1151	1128	1250	1163	1111·5	1293
Females .	1021	1020	1049	968	1109	1019	1082	1130	1202	1062	1066·2	1246
TOTAL **Deaths**	1217	1355	1232	1393	1336	1182	1257	1323	1343	1443	1308·1	1419
Males . .	676	683	644	771	639	588	636	686	717	769	685·9	712
Females .	541	672	588	622	647	594	621	637	626	674	622·2	707

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the LAST THIRTEEN WEEKS.

	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.	May 4.	May 11.	May 18.	May 25.	June 1.
TOTAL **Deaths** - - -	1580	1526	1676	1766	1877	1895	1773	1661	1545	1383	1380	1381	1419
0—20 - -	807	767	854	899	900	954	899	876	775	709	670	707	761
20—40 - -	216	196	198	214	230	234	241	218	235	213	194	192	218
40—60 - -	249	245	283	296	346	293	279	286	240	215	258	225	212
60—80 - -	260	257	276	295	323	343	295	232	252	206	215	208	183
at 80 years & upwds.	48	61	65	62	78	71	59	49	43	40	43	49	45
Deaths of children: Under 1 year -	370	352	386	390	381	415	379	394	371	306	303	317	346
Deaths of children: 1—5 - - -	331	301	351	368	402	403	375	357	286	296	261	274	295
Deaths of children: 5—20 - -	106	114	117	141	117	136	145	125	118	107	106	116	120
Deaths from 7 principal Zymotic Diseases	259	243	277	339	319	346	323	305	295	245	259	246	276
" " Smallpox - -	34	53	42	48	55	58	80	63	60	48	48	43	40
" " Measles - -	46	32	34	35	30	40	31	38	29	33	28	14	15
" " Scarlet Fever -	35	28	22	47	42	36	37	22	27	24	26	17	17
" " Diphtheria -	7	6	13	12	8	9	8	11	10	9	12	20	17
" " Whooping-cough	102	84	124	158	146	157	123	136	117	110	102	116	152
" " Typhus fever -	6	9	2	3	4	4	3	3	5	1	3	2	4
" " Enteric (or Typhoid) fever -	17	16	25	23	20	23	14	15	19	8	16	15	11
" " Simple Contd fever	5	2	2	2	5	5	9	6	5	5	3	3	–
" " Diarrhœa - -	7	13	13	11	9	14	18	11	23	7	21	16	20
" " Simple Cholera -	–	–	1	–	–	1	–	–	1	–	–	–	–
" " Dis. of Respiratory Organs -	362	340	402	421	474	497	398	345	284	225	199	204	206
" " Phthisis - -	162	174	154	169	208	182	188	174	189	139	171	151	208
" " Heart Diseases -	75	86	89	118	111	106	88	71	70	74	79	77	69
Violent Deaths - - -	51	35	53	57	39	49	75	64	60	66	75	59	55
Inquest Cases - - -	96	72	98	118	102	99	124	100	101	96	109	85	92
Deaths in Public Institutions	293	294	333	334	358	333	360	334	307	264	274	298	280
TEMPERATURE OF THE AIR:													
Mean - - - -	46·6°	40·5°	43·3°	35·5°	40·4°	46·0°	51·5°	51·2°	55·5°	56·7°	58·0°	51·8°	52·7°
Mean of Highest readings -	53·1	48·3	50·5	44·6	50·3	54·1	61·0	61·6	66·5	66·6	67·6	62·2	62·4
Mean of Lowest readings -	41·3	33·7	37·3	29·1	31·8	38·0	44·4	44·0	47·0	48·3	50·7	44·2	45·5
Mean Temperature of the Water of the Thames -	49·1	47·0	45·7	44·0	41·4	44·7	50·0	53·5	55·7	58·7	60·9	59·7	58·3
Humidity of the Air - -	72	74	75	76	78	75	85	80	77	79	75	77	81
Rain-fall in inches - -	0·00	0·09	0·00	0·71	0·38	2·85	0·73	0·20	0·66	2·10	0·63	0·81	0·39
Registered Sunshine (in hours)	19·4	19·1	9·9	18·2	34·6	45·4	17·9	40·6	35·8	33·5	48·3	36·4	29·3

METEOROLOGICAL OBSERVATIONS. (*See* TABLE **1.**)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-SECOND Week of the Year 1878.

CAUSES OF DEATH.	Average in the Twenty-second Weeks of the 10 years 1868-77.*	In the Week ending Saturday, June 1, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
Mean Temperature -	57·0	52·7							
ALL CAUSES - -	1308·1	1419	346	295	120	218	212	183	45
SPECIFIED CAUSES	1302·0	1417	346	295	120	217	212	182	45
I. ZYMOTIC.									
ORDER 1.									
1. Small-pox - - -	36·7	40	5	5	20	10	-	-	-
2. Measles - - -	39·6	15	3	12	-	-	-	-	-
3. Scarlet Fever - -	37·9	17	1	11	5	-	-	-	-
4. Diphtheria - -	7·3	17	1	10	4	-	1	1	-
5. Quinsy - - -	·7	-	-	-	-	-	-	-	-
6. Croup - - -	10·5	6	-	5	1	-	-	-	-
7. Whooping-cough -	53·7	152	65	86	1	-	-	-	-
8. Typhus - - -	29·1	4	-	-	2	-	2	-	-
— Enteric or Typhoid Fev.		11	-	2	2	5	1	1	-
— Simple continued Fev.		-	-	-	-	-	-	-	-
9. Erysipelas - -	6·1	3	2	-	1	-	-	-	-
10. Puerperal Fev. (Metria)	3·8	3	-	-	-	3	-	-	-
11. Carbuncle - -	·4	1	-	-	-	-	1	-	-
12. Influenza - - -	—	-	-	-	-	-	-	-	-
13. Dysentery - -	1·5	1	-	1	-	-	-	-	-
14. Diarrhœa - - -	19·1	20	12	5	-	-	-	3	-
15. Simple Cholera - -	·5	-	-	-	-	-	-	-	-
16. Ague - - - -	·3	-	-	-	-	-	-	-	-
17. Remittent Fever -	·3	1	-	-	1	-	-	-	-
18. Rheumatism - -	8·1	10	-	-	3	2	3	2	-
19. Other *Zymotic* Diseases	·9	1	1	-	-	-	-	-	-
ORDER 2.									
1. Syphilis - - -	6·6	6	5	1	-	-	-	-	-
2. Stricture of Urethra -	1·9	1	-	-	-	1	-	-	-
3. Hydrophobia - -	·1	-	-	-	-	-	-	-	-
4. Glanders - - -	—	-	-	-	-	-	-	-	-
ORDER 3.									
1. Privation - - -	·3	-	-	-	-	-	-	-	-
2. Want of Breast-milk	6·7	6	6	-	-	-	-	-	-
3. Purpura and Scurvy -	2·4	3	-	2	-	1	-	-	-
4. Alcoholism { *a* Del. Tremens	1·8	1	-	-	-	-	1	-	-
b Intemperance	2·0	2	-	-	-	2	-	-	-
ORDER 4.									
1. Thrush - - -	2·3	2	2	-	-	-	-	-	-
2. Worms, &c. - -	·2	-	-	-	-	-	-	-	-
II. CONSTITUTIONAL.									
ORDER 1.									
1. Gout - - - -	2·7	2	-	-	-	-	-	1	1
2. Dropsy - - -	8·3	9	-	-	1	1	5	1	1
3. Cancer - - -	32·5	29	-	-	1	2	14	11	1
4. Cancrum Oris (Noma)	·2	-	-	-	-	-	-	-	-
5. Mortification - -	4·4	2	1	-	-	-	-	1	-
ORDER 2.									
1. Scrofula - - -	12·3	9	3	4	1	1	-	-	-
2. Tabes Mesenterica -	20·9	15	4	7	4	-	-	-	-
3. Phthisis - - -	167·4	208	1	10	21	106	61	9	-
4. Hydrocephalus - -	34·4	44	9	23	10	2	-	-	-
III. LOCAL.									
ORDER 1.									
1. Cephalitis - - -	20·6	29	9	13	3	1	2	1	-
2. Apoplexy - - -	39·4	41	-	3	1	4	11	19	3
3. Paralysis - - -	26·9	26	-	-	1	3	8	9	5
4. Insanity - - -	2·3	2	-	-	-	-	-	2	-
5. Chorea - - -	·2	-	-	-	-	-	-	-	-
6. Epilepsy - - -	6·8	11	-	-	-	4	5	2	-
7. Convulsions - -	45·3	55	49	6	-	-	-	-	-
8. *Brain Disease, &c.* -	19·6	17	-	-	1	1	3	10	2
ORDER 2.									
1. Pericarditis - -	2·5	1	-	-	-	-	-	1	-
2. Aneurism - - -	2·3	3	-	-	-	2	-	1	-
3. *Heart Disease, &c.* -	64·5	65	1	3	4	17	10	26	4
ORDER 3.									
1. Laryngitis - - -	7·5	9	2	5	1	1	-	-	-
2. Bronchitis - - -	111·9	120	31	30	5	3	20	28	3
3. Pleurisy - - -	5·0	2	-	-	-	1	1	-	-
4. Pneumonia - -	69·5	57	15	23	3	4	8	3	1
5. Asthma - - -	4·2	5	-	-	-	-	1	3	1
6. *Lung Disease, &c.* -	14·3	13	8	3	1	1	-	-	-
ORDER 4.									
1. Gastritis - - -	2·3	-	-	-	-	-	-	-	-
2. Enteritis - - -	4·4	6	1	-	1	3	-	1	-
3. Peritonitis - - -	5·4	5	-	-	3	1	-	1	-
4. Ascites - - -	2·3	1	-	-	-	-	-	1	-
5. Ulceration of Intestines	2·1	2	1	-	-	1	-	-	-
6. Hernia - - -	2·2	4	-	-	-	1	2	1	-
7. Ileus - - - -	3·7	4	-	-	-	-	2	2	-
8. Intussusception -	1·3	2	1	1	-	-	-	-	-
9. Stricture of Intestines	·8	1	-	-	-	1	-	-	-
10. Fistula - - -	·6	-	-	-	-	-	-	-	-
11. *Stomach Disease, &c.* -	7·0	4	1	2	-	-	1	-	-
12. *Pancreas Disease, &c.*	—	-	-	-	-	-	-	-	-
13. Hepatitis - - -	3·4	5	-	-	-	1	3	1	-
14. Jaundice - - -	4·4	11	4	-	-	1	4	1	1
15. *Liver Disease, &c.* -	19·2	28	-	-	2	5	13	8	-
16. *Spleen Disease, &c.* -	·2	-	-	-	-	-	-	-	-
ORDER 5.									
1. Nephritis - - -	2·8	2	-	-	-	1	1	-	-
2. Ischuria - - -	·3	1	-	-	-	-	1	-	-
3. Bright's Dis. (Nephria)	10·3	11	-	-	1	2	4	4	-
4. Diabetes - - -	1·8	3	-	-	-	1	2	-	-
5. Calculus (Stone) -	·5	1	-	-	-	1	-	-	-
6. Cystitis - - -	1·2	-	-	-	-	-	-	-	-
7. *Kidney Disease, &c.* -	9·6	14	-	2	-	5	5	2	-
ORDER 6.									
1. Ovarian Dropsy -	·5	2	-	-	1	-	1	-	-
2. *Uterus Disease, &c.* -	4·1	4	-	-	-	1	2	1	-
ORDER 7.									
1. Synovitis (Arthritis)	·6	-	-	-	-	-	-	-	-
2. *Joint Disease, &c.* -	7·4	6	-	-	3	1	1	-	1
ORDER 8.									
1. Phlegmon - - -	2·9	2	-	-	1	-	1	-	-
2. Ulcer - - - -	·4	-	-	-	-	-	-	-	-
3. *Skin Disease, &c.* -	1·2	6	4	-	-	1	-	1	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth -	21·4	30	30	-	-	-	-	-	-
2. Cyanosis - - -	1·4	2	2	-	-	-	-	-	-
3. Spina Bifida - -	1·0	4	4	-	-	-	-	-	-
4. Other Malformations	1·9	1	1	-	-	-	-	-	-
5. Teething - - -	14·9	10	5	5	-	-	-	-	-
ORDER 2.									
1. Paramenia - - -	·4	-	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever) - -	6·1	3	-	-	-	3	-	-	-
ORDER 3.									
1. Old Age - - -	41·5	36	-	-	-	-	-	15	21
ORDER 4.									
1. Atrophy and Debility	53·3	54	41	6	1	-	1	5	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	17·4	15	-	4	-	5	5	1	-
2. Wounds { Gunshot	1·0	-	-	-	-	-	-	-	-
Cut, Stab }		-	-	-	-	-	-	-	-
3. Burns and Scalds -	2·6	2	-	1	1	-	-	-	-
4. Poison - - -	1·3	-	-	-	-	-	-	-	-
5. Drowning - - -	8·8	15	-	2	5	3	4	1	-
6. Suffocation - -	8·0	13	12	1	-	-	-	-	-
7. Otherwise - - -	3·9	4	1	1	1	1	-	-	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	1·8	2	2	-	-	-	-	-	-
ORDER 4. SUICIDE.)									
1 Wounds { Gunshot -	·4	-	-	-	-	-	-	-	-
Cut, Stab -	2·0	2	-	-	-	-	1	1	-
2. Poison - - -	·8	-	-	-	-	-	-	-	-
3. Drowning - - -	1·2	1	-	-	1	-	-	-	-
4. Hanging - - -	1·0	1	-	-	1	-	-	-	-
5. Otherwise - - -	·3	-	-	-	-	-	-	-	-
ORDER 5. (EXECUTION.)									
1. Hanging - - -	—	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - -	·7	-	-	-	-	-	-	-	-
Causes not specified or ill-defined - - -	5·4	2	-	-	-	1	-	1	-

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

Table 6. LONDON.—Population, Births, Deaths from all Causes, and from Small-pox, Measles, Scarlet during the Week ending

Registration Sub-districts.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The Deaths registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
LONDON	3,254,260	2539	1419	346	228	40	15	17	17	152	4	11	-	20	55	92	280
West Districts	561,359	355	238	47	35	6	4	3	2	21	1	4	-	6	9	18	67
North Districts	751,729	606	339	86	60	17	2	5	11	32	-	4	-	3	8	17	64
Central Districts	334,369	180	106	21	16	-	-	1	-	11	-	-	-	2	1	4	25
East Districts	639,111	536	289	75	43	2	2	5	2	36	1	2	-	3	25	37	55
South Districts	967,692	862	447	117	74	15	7	3	2	52	2	1	-	6	12	16	69
West Districts.																	
St. Mary Paddington *WH*	58728	38	19	4	4	-	1	1	1	3	-	-	-	-	1	2	2
St. John Paddington *H*	38085	10	15	2	3	-	-	-	-	-	-	-	-	1	3	4	7
Kensington Town *W*	91645	79	44	9	8	-	1	2	-	3	-	-	-	1	1	2	8
Brompton *H*	28654	15	14	2	1	-	-	-	-	1	-	-	-	-	-	1	3
St. Peter Hammersmith	6662	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith *H*	36029	40	17	5	5	-	1	-	-	-	-	-	-	1	1	3	5
Fulham *WwH*	23350	19	21	7	2	5	-	-	1	-	-	2	-	-	1	3	11
Chelsea South *HHH*	26420	16	12	2	1	1	-	-	-	3	-	1	-	-	-	-	1
Chelsea North-west *WHHHH*	22926	8	12	3	2	-	-	-	-	-	-	-	-	-	1	1	8
Chelsea North-east	21392	13	6	-	1	-	-	-	-	1	-	-	-	-	-	-	-
Hanover Square *H*	18698	9	6	1	-	-	-	-	-	1	-	-	-	1	-	-	-
May Fair *WW*	13358	10	10	-	3	-	-	-	-	-	1	-	-	-	-	-	10
Belgrave *HH*	57972	24	18	2	1	-	-	-	-	1	-	-	-	-	1	1	4
St. John Westminster *HH*	38478	37	12	2	2	-	-	-	-	3	-	-	-	-	-	-	1
St. Margaret Westminster *WH*	27781	16	13	3	1	-	1	-	-	1	-	1	-	-	-	-	4
Golden Square *WH*	12860	4	3	2	1	-	-	-	-	1	-	-	-	-	-	1	1
Berwick-street *H*	20759	9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Anne Soho *HHHHH*	17562	7	9	3	-	-	-	-	-	3	-	-	-	2	-	-	2
North Districts.																	
All Souls Marylebone *HHHH*	28579	16	14	3	2	-	-	-	-	3	-	-	-	-	-	1	5
Cavendish Square *HH*	15425	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone *WH*	26384	10	11	3	2	-	-	-	-	-	-	-	-	-	-	1	6
St. Mary Marylebone *HHH*	21786	26	10	5	2	-	-	1	-	-	-	-	-	-	1	1	2
Christchurch Marylebone *H*	33944	14	11	4	2	-	-	-	-	-	-	-	-	1	-	-	-
St. John Marylebone *H*	33186	18	15	4	3	-	-	-	5	2	-	1	-	-	-	1	-
Hampstead *WwHH*	32281	32	22	3	1	8	-	-	4	1	-	-	-	-	2	2	11
Regent's Park Pancras	38200	28	6	1	1	-	-	-	-	1	-	-	-	-	-	-	-
Tottenham-court *wHHH*	29370	17	25	5	5	-	1	-	-	1	-	-	-	-	3	5	12
Gray's Inn Lane *HHH*	29221	16	9	2	1	-	-	-	-	-	-	-	-	-	1	1	3
Somers Town	38533	20	10	5	1	-	-	-	-	2	-	-	-	-	-	-	-
Camden Town *WH*	17943	20	16	2	7	-	-	-	-	1	-	-	-	1	1	2	9
Kentish Town *w*	68198	73	34	10	5	-	-	1	-	2	-	-	-	-	-	1	-
Islington West *HHH*	97820	90	34	9	3	5	-	2	-	2	-	-	-	-	-	-	4
Islington East *WwwH*	115958	94	45	15	9	-	-	-	-	9	-	1	-	-	-	-	4
Stoke Newington *H*	9841	18	8	2	3	-	-	-	-	2	-	-	-	-	-	-	-
Stamford Hill	6598	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney	28069	24	22	4	4	1	1	-	1	3	-	2	-	-	-	-	-
Hackney *WwwHL*	50104	50	24	8	7	3	-	1	-	1	-	-	-	1	-	1	8
South Hackney	30339	30	18	1	2	-	-	-	1	2	-	-	-	-	-	1	-
Central Districts.																	
St. George Bloomsbury	17853	9	6	2	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Giles South *WH*	19109	11	6	-	1	-	-	-	-	-	-	-	-	-	-	-	4
St. Giles North	16594	8	3	1	-	-	-	-	-	1	-	-	-	-	-	-	-
Long Acre	11379	5	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Charing Cross *HH*	9859	5	5	-	1	-	-	-	-	-	-	-	-	-	-	1	3
St. Mary-le-Strand	9378	7	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes *H*	10723	9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1
St. George-the-Martyr *HHHHH*	20521	21	8	2	1	-	-	-	-	2	-	-	-	-	-	-	2
St. Andrew Eastern *W*	13529	7	9	1	4	-	-	-	-	-	-	-	-	-	-	1	8
Saffron Hill *H*	9066	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell *W*	18917	15	7	2	-	-	-	-	-	1	-	-	-	-	-	1	-
Amwell Clerkenwell	16884	12	7	3	-	-	-	-	-	2	-	-	-	-	-	-	-
Pentonville	13337	11	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Goswell-street	16242	11	7	2	-	-	-	-	-	3	-	-	-	1	1	1	-
Old-street *H*	12161	11	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
City-road *HHL*	18301	15	9	2	-	-	-	1	-	1	-	-	-	-	-	-	1
Whitecross-street	13792	7	6	2	-	-	-	-	-	1	-	-	-	-	-	-	-
Finsbury	10741	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph East London *H*	14540	2	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Cripplegate	13638	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre *H*	7562	-	7	1	-	-	-	-	-	-	-	-	-	-	-	-	6
St. Bride *W*	11185	2	5	-	1	-	-	-	-	-	-	-	-	1	-	-	-
Castle Baynard	4426	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch	6270	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe	4753	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking	5764	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street *H*	7845	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-

Note.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at the foot of next page.

ER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
urday, 1st June 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age.	Deaths of Persons aged 60 Years & upwds.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
ywell Shoreditch - - - -	12430	4	6	2	-	-	-	-	-	3	-	-	-	-	-	-	-
Leonard Shoreditch *HL*† - -	16545	14	6	1	1	-	-	-	-	3	-	-	-	-	-	-	1
xton New Town *w* - - - -	27835	21	11	5	3	-	-	-	-	1	-	-	-	-	2	3	2
xton Old Town - - - - -	26933	17	11	3	1	-	1	-	-	3	-	-	-	-	-	-	-
ggerston *WH* - - - - -	43421	37	14	2	1	-	-	-	-	2	-	-	-	-	1	2	4
ckney-road *H* - - - - -	29822	29	15	5	-	-	-	-	-	5	-	-	-	-	2	3	1
en, Bethnal Green *WHL*† - -	42433	43	25	8	2	-	-	-	-	10	-	-	-	-	-	-	6
rch, Bethnal Green - - -	26577	23	4	1	1	-	-	1	-	-	-	1	-	-	-	-	-
vn, Bethnal Green - - - -	21272	14	6	2	2	-	-	1	-	-	-	-	-	-	-	-	-
talfields *H* - - - - - -	22499	14	6	1	3	-	-	-	-	-	-	-	-	-	-	2	-
e End New Town *W* - - -	15550	7	13	4	1	-	-	-	-	-	-	-	-	-	-	1	-
itechapel North - - - -	11597	9	5	1	-	-	-	-	-	1	-	-	-	-	-	-	-
itechapel Church *H* - - -	7322	4	16	-	1	-	-	-	1	-	-	-	-	-	3	2	15
dman's Fields - - - - -	10381	10	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-
gate - - - - - - - -	9224	1	2	1	1	-	-	-	-	-	-	-	-	-	1	2	-
Mary St. George East - - -	17900	7	5	1	-	-	-	-	1	-	-	-	-	-	1	2	-
Paul St. George East - - -	21350	24	7	4	1	-	-	-	-	1	-	-	-	1	1	2	-
John St. George East *W* - -	8802	19	9	1	4	-	-	-	-	-	-	-	-	-	-	-	8
dwell *H* - - - - - - -	11640	4	11	1	2	-	-	-	-	-	-	1	-	-	3	3	5
cliff - - - - - - - -	16131	8	5	2	1	-	-	-	-	1	-	-	-	-	-	-	-
nehouse - - - - - - -	29919	20	13	6	2	1	-	-	-	1	-	-	-	1	1	1	-
e End Old Town Western - -	38128	43	11	3	2	-	-	-	-	-	-	-	-	-	-	2	-
e End Old Town Eastern *WwwH* -	55024	55	27	7	5	-	-	3	-	4	1	-	-	-	-	-	4
v *wwwH* - - - - - - -	67765	76	39	8	8	1	-	-	-	1	-	-	-	1	9	9	9
plar *WW* - - - - - - -	48611	33	19	4	1	-	1	-	-	-	-	-	-	-	1	3	-
SOUTH DISTRICTS.																	
istchurch Southwark *WH* - -	14573	9	7	-	3	-	-	-	-	2	-	-	-	-	-	-	2
Saviour Southwark *H* - - -	15677	9	6	1	-	-	1	-	-	-	-	-	-	-	1	1	-
nt-road - - - - - -	20421	22	4	2	-	-	-	-	-	1	-	1	-	-	-	1	-
ough-road *WH* - - - - -	16695	8	5	4	-	1	-	-	-	1	-	-	-	-	-	-	1
ndon-road *HL* - - - - -	18961	10	9	-	2	-	-	-	-	3	-	-	-	-	-	-	-
nity Newington - - - -	23682	28	12	4	1	-	-	-	-	-	-	-	-	-	-	-	-
Peter Walworth *W* - - -	48248	47	34	9	6	2	-	-	-	1	-	-	-	-	-	-	6
Mary Newington - - - -	16792	16	6	1	1	-	-	-	-	-	-	-	-	-	1	1	-
Olave Southwark *H* - - -	4373	4	11	-	2	-	-	-	-	-	-	-	-	-	-	-	11
John Horsleydown *W* - - -	10500	2	5	2	-	-	-	-	-	-	-	-	-	1	-	-	-
ther Market - - - -	16787	11	6	2	-	-	-	-	-	1	-	-	-	-	-	-	-
Mary Magdalen *W* - - - -	15709	9	7	2	2	-	-	-	-	2	-	-	-	-	-	-	1
James Bermondsey - - -	47933	50	12	3	2	-	-	-	-	4	-	-	-	-	-	-	-
therhithe *W* - - - - -	27096	30	10	-	2	-	-	1	-	2	1	-	-	-	1	1	2
terloo-road 1st *H* - - - -	14074	9	7	1	3	-	-	-	-	-	-	-	-	-	-	-	1
terloo-road 2nd *H* - - - -	18465	14	7	2	1	-	-	-	-	-	1	-	-	-	1	1	-
nbeth Church 1st *H* - - -	19492	14	7	-	-	-	-	-	-	-	-	-	-	-	3	3	6
nbeth Church 2nd *WW* - - -	35833	40	17	3	7	-	-	-	-	1	-	-	-	-	-	-	7
mington 1st - - - - - -	41286	31	16	4	1	-	-	-	-	7	-	-	-	-	-	-	-
mington 2nd - - - - - -	31221	10	12	2	5	1	-	-	-	-	-	-	-	-	-	-	-
xton *w* - - - - - - -	35435	36	18	7	1	2	2	-	-	4	-	-	-	-	-	-	2
wood *W* - - - - - - -	12536	14	6	3	1	-	-	1	-	2	-	-	-	1	-	-	-
ham *H* - - - - - - -	27347	28	13	5	2	-	2	-	-	2	-	-	-	-	-	-	-
tersea *Ww* - - - - - -	54016	73	37	10	6	1	1	-	1	4	-	-	-	-	1	1	2
ndsworth *HL* - - - - -	19783	19	7	3	1	-	-	-	-	-	-	-	-	-	-	-	1
ney - - - - - - - -	9439	11	8	1	1	-	-	-	-	-	-	-	-	-	-	-	-
atham - - - - - - -	14475	6	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
dwich - - - - - - -	4041	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
nberwell *WL*†*L*† - - -	31254	24	18	5	4	1	-	-	-	2	-	-	-	-	-	-	7
kham *W* - - - - - -	42160	50	28	8	2	-	-	1	-	2	-	-	-	1	-	-	1
George Camberwell - - - -	33851	41	14	6	-	-	-	-	1	2	-	-	-	1	2	2	-
Paul Deptford *w* - - - -	53714	49	34	7	4	7	1	-	-	1	-	-	-	-	1	2	7
Nicholas Deptford - - - -	6474	1	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
enwich West - - - - -	21034	17	5	2	2	-	-	-	-	1	-	-	-	-	-	-	-
enwich East *WH* - - - -	19378	22	12	3	2	-	-	-	-	1	-	-	-	-	-	2	6
ham *H* - - - - - - -	4539	2	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
- - - - - - - -	16440	4	10	2	4	-	-	-	-	2	-	-	-	-	-	-	-
isham Village *WH* - - -	11513	12	3	2	-	-	-	-	-	-	-	-	-	1	-	-	1
enham *H* - - - - - -	19065	10	5	3	1	-	-	-	-	3	-	-	-	-	-	-	-
rlton *H* - - - - - - -	9564	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	2
lwich Dockyard - - - -	17226	10	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
lwich Arsenal *WHH* - - -	18331	18	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-
nstead, West - - - - -	13027	13	7	2	-	-	-	-	-	1	-	-	-	-	-	-	-
nstead, East *W* - - - -	15232	21	7	1	2	-	-	-	-	-	-	-	-	1	1	1	3

e following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the s Table by *w*:—

Central London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary " " "
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 1st June 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
	LONDON—OUTER RING	368,414	631,381	560	245	52	61	4	6	1	3	21	2	4	6	12
29 : 1	Carshalton *wL* - - -	12228	13523	15	5	1	1	-	-	-	-	-	-	-	-	-
2	Epsom (*part of*) * *WH* -	9971	9145	4	6	1	3	-	-	-	-	-	-	-	-	-
36 : 1	Godstone (*part of*) * - -	2754	900	-	1	1	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	68	31	8	7	-	-	-	-	3	-	-	2	2
2	Mitcham *WH* - - -	11697	12534	9	2	-	-	-	-	-	-	-	-	-	-	1
38 : 1	Wimbledon *HH* - -	3220	9087	10	4	-	-	-	-	-	-	-	-	-	-	-
2	Kingston *WH* - - -	8549	27489	31	7	2	4	-	-	-	-	-	-	-	-	-
3	Esher (*part of*) * - -	6601	7353	4	-	-	-	-	-	-	-	-	-	-	-	-
4	Hampton - - - -	4573	10185	12	1	-	-	-	-	-	-	-	-	-	-	-
39 : 1	Richmond *WH* - - -	2271	16829	10	3	4	2	-	-	-	-	2	1	1	-	-
2	Mortlake - - - -	2961	9316	12	1	-	-	-	-	-	-	-	-	-	-	-
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	27	5	1	2	-	1	-	-	-	-	-	-	-
2	Chislehurst (*part of*)* *W* -	13665	10028	7	3	-	3	-	-	-	-	-	-	-	1	1
41 : 1	Bexley *H* - - - -	13439	19566	17	4	-	1	-	-	-	-	-	-	-	-	-
123 : 1	Sunbury *W* - - -	11055	9860	3	1	-	1	-	-	-	-	-	-	-	-	-
2	Staines *W* - - - -	13277	10339	7	3	1	1	-	-	-	-	-	-	-	-	-
124 : 1	Hillingdon *WH* - - -	6029	9712	7	3	2	1	-	-	-	-	-	-	-	-	-
2	Uxbridge - - - -	6178	5329	7	-	-	-	-	-	-	-	-	-	-	-	-
3	Hayes *WL* - - - -	14587	10497	7	5	-	1	-	-	-	-	-	-	-	-	-
125 : 1	Isleworth *W* - - -	7008	19930	14	8	1	1	-	-	-	-	-	-	-	-	1
2	Twickenham - - -	2477	10533	10	4	-	3	-	-	-	-	-	-	-	-	-
3	Brentford *HL* - - -	4370	20279	14	9	1	5	-	1	-	-	1	-	-	-	1
4	Chiswick - - - -	1311	8508	12	1	1	-	-	-	-	-	-	-	-	-	-
5	Acton *WH* - - - -	6087	12683	13	11	5	2	-	2	-	-	1	-	-	-	-
126 : 1	Harrow *H* - - - -	13809	10869	3	4	-	2	-	-	-	-	-	-	-	-	-
2	Edgware *H* - - -	6994	3450	3	1	-	1	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	14	12	-	-	-	-	-	-	4	-	-	-	1
4	Hendon *WH* - - -	8382	6972	6	3	-	-	-	-	-	1	-	-	-	-	-
127 : 1	South Mimms - - -	15419	5924	1	-	-	-	-	-	-	-	-	-	-	-	-
2	Barnet *W* - - - -	5423	7752	7	6	1	4	1	-	-	-	-	-	-	-	-
3	Finchley *L* - - - -	4688	11493	8	1	-	-	-	-	-	-	-	-	-	-	-
128 : 1	Hornsey *H* - - - -	3039	19357	18	6	2	1	-	-	-	-	1	-	-	1	1
2	Tottenham *H* - - -	4642	22869	24	17	3	7	-	-	-	-	2	-	-	-	-
3	Edmonton *WW* - - -	7483	13860	13	12	1	3	-	-	-	2	1	-	-	-	-
4	Enfield *WH* - - -	12653	16054	5	4	2	1	-	-	-	-	-	1	-	-	-
5	Waltham Abbey - - -	11017	5197	4	1	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	2	1	-	1	-	-	-	-	-	-	-	-	-
134 : 1	Hatfield (*part of*) * - -	3180	559	1	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	6	2	-	1	-	-	-	-	-	-	-	-	-
185 : 1	Stratford - - - -	882	23286	23	10	1	2	-	-	-	-	1	-	1	1	1
2	West Ham *WWWW* - -	7345	44642	51	27	8	-	3	2	1	-	2	-	1	1	3
3	Leyton *WW* - - -	4274	15513	18	6	1	-	-	-	-	-	-	-	1	-	-
4	Walthamstow *H* - -	6619	15701	20	6	4	-	-	-	-	-	1	-	-	-	-
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	3	-	-	-	-	-	-	-	-	-	-	-	-
188 : 1	Romford (*part of*) * - -	6730	2879	1	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford - - - - -	8492	5947	5	2	-	-	-	-	-	-	2	-	-	-	-
3	Barking Town - - -	4128	6576	4	1	-	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follo 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in God sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, excep two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoydon (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 1st June, 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Deaths in Public Institutions.
REATER LONDON	446,494	4,450,015	19·5	3·7	1664	398	289	44	21	18	20	173	17	24	61	310
INNER LONDON -	78,080	3,577,304	20·7	4·0	1419	346	228	40	15	17	17	152	15	20	55	280
OUTER RING -	368,414	872,711	14·7	2·5	245	52	61	4	6	1	3	21	2	4	6	30

OTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal 697·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than miles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,759,796 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	April	27	-	330	40·0	Small-pox 68; cholera 51; fevers 73.
BOMBAY - -	644,405	,,	30	-	532	42·9	Small-pox 11; cholera 41; measles 21.
MADRAS - -	397,552	,,	5	251	354	46·3	Fevers 96; dysentery 57; small-pox 10.
PARIS - -	1,988,806	May	29	-	772	23·3	Diphtheria 25; measles 15; croup 15.
GENEVA - -	68,792	,,	25	34	29	22·0	—
BRUSSELS - -	175,782	,,	18	129	89	26·4	—
AMSTERDAM -	302,266	,,	18	203	157	27·0	Typhus and typhoid fev. 3; whooping-cough 4.
ROTTERDAM -	142,585	,,	18	100	58	21·1	—
THE HAGUE -	107,896	,,	18	90	47	22·6	—
COPENHAGEN -	220,000	,,	21	158	93	22·1	Diphtheria 3.
STOCKHOLM -	146,845	,,	18	-	83	29·4	Typhoid fever 2.
CHRISTIANIA -	105,000	,,	25	76	27	13·1	—
ST. PETERSBURGH	669,741*	,,	18	-	726	56·5*	Small-pox 18; typhus & typhoid fever 116.
BERLIN - -	1,019,620	,,	11	768	534	27·0	Diphtheria 16; typhus 5.
HAMBURG (State)	406,604	,,	18	303	212	27·2	Diphtheria and croup 7; whooping-cough 4.
DRESDEN - -	207,845	,,	18	162	113	28·3	Scarlet fever 3; diphtheria and croup 5.
BRESLAU - -	267,000	,,	25	253	163	32·3	Fevers 3.
MUNICH - -	222,000	,,	25	183	150	35·0	Typhus and typhoid fever 3.
VIENNA - -	727,271	,,	25	602	524	37·5	Small-pox 10; diphtheria 16; measles 12.
BUDA-PESTH -	319,530	,,	18	249	262	42·6	Small-pox 2; diphtheria 9.
ROME - -	282,214	,,	4	152	154	28·5	Typhus and typhd. fev. 3; diphtheria and croup 7.
NAPLES - -	457,407	April	22	-	322	36·7	Typhus and typhoid fever 17.
TURIN - -	227,843	May	18	126	149	34·1	Typhus and typhd. fev. 6; diphtheria and croup 5.
VENICE - -	139,796	,,	18	78	75	28·0	Typhoid fever 2.
ALEXANDRIA -	212,034	,,	16	155	162	39·9	Whooping-cough 5; diphtheria 2.
NEW YORK -	1,084,528	,,	4	-	467	22·4	Scarlet fever 15; diphtheria 24.
BROOKLYN -	549,438	,,	4	-	-	-	—
PHILADELPHIA -	876,118	,,	11	-	297	17·7	Scarlet fever 21; typhoid fever 12; diphtheria 5.
BOSTON - -	363,000	,,	4	-	-	-	—

* The rate of mortality in St. Petersburgh is calculated on the population enumerated at the last Census in 1869, and is thus probably overstated, as the population of the city is said to have increased in a remarkable manner since that date.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 1st JUNE, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Difference. Between Dew Point Temperature and Air Temperature. Greatest.	Difference. Between Dew Point Temperature and Air Temperature. Least.	Difference. Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure on square foot. Greatest.	Osler's. Pressure on square foot. Least.	Osler's. Pressure on square foot. Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
MAY.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN.	26	..	29·632	66·0	44·0	22·0	52·9	46·3	142·6	41·0	58·7	56·5	6·6	15·7	2·6	− 2·3	79	SW. & WSW.	SW.	4·5	0·0	0·2	285	+ 35	0·07	15·2
MON.	27	..	29·636	65·6	45·7	19·9	54·1	46·7	130·7	42·0	58·7	56·5	7·4	16·0	0·0	− 1·3	76	SW. & SSW.	SW. SSW. & SSE.	3·0	0·0	0·2	262	+ 12	0·01	20·8
TUES.	28	..	29·623	64·1	45·9	18·2	55·8	49·0	100·3	40·1	58·9	57·1	6·8	14·2	0·0	+ 0·2	78	E. & NE.	E. & NNE.	0·8	0·0	0·0	133	−117	0·26	10·3
WED.	29	..	29·836	58·7	49·2	9·5	51·8	48·6	77·3	49·0	59·3	57·3	3·2	8·0	0·5	− 4·0	89	N. & NNE.	NNE.	7·0	0·0	1·2	428	+178	0·04	5·2
THURS.	30	..	29·959	57·8	46·6	11·2	50·1	44·6	92·2	46·6	59·3	57·3	5·5	11·6	2·1	− 5·9	82	NNE. & NE.	NE. & SE.	1·0	0·0	0·0	136	−114	0·00	10·5
FRI.	31	..	29·823	65·3	40·2	25·1	53·4	45·2	133·3	32·5	60·7	58·5	8·2	16·7	0·0	− 2·9	74	E. NE. & SE.	E. & SE.	0·0	0·0	0·0	65	−185	0·01	12·3
JUNE. SAT.	1	New	29·873	59·2	46·7	12·5	50·7	46·5	110·2	42·0	59·8	57·3	4·2	12·0	1·0	− 5·8	86	SE. & E.	ESE. & SE.	0·7	0·0	0·0	115	−129	0·00	9·7
MEANS		..	29·769	62·4	45·5	16·9	52·7	46·7	112·4	41·9	59·3	57·2	6·0	13·5	0·9	− 3·1	81	Variable.		..	..	..	Sum 1424	Sum −320	Sum 0·39	12·0
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. May.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY	26	The electrical apparatus was not in action throughout the week.	4·6	16·0	Partially cloudy. Showery.
MONDAY	27		11·1	16·1	Partially cloudy. Occasional light showers.
TUESDAY	28		0·1	16·1	Overcast generally. Rain at night.
WEDNESDAY	29		0·0	16·1	Overcast. Rain fell in morning.
THURSDAY	30		0·1	16·2	Overcast generally till evening; cloudless at night.
FRIDAY	31		11·7	16·2	Fine; partially cloudy. A little rain at night.
JUNE. SATURDAY	1		1·7	16·2	Overcast in morning; fine and partially cloudy in afternoon and evening.
..		..	Sum 29·3	Sum 112·9	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and − "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 29·59 in. at the beginning of the week to 29·66 in. by 9h. P.M. on the 27th of May; decreased to 29·59 in. by 3h. P.M. on the 28th; increased to 29·99 in. by noon on the 30th;

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

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General Register Office, Somerset House,
11th June, 1878.

United Kingdom.

During last week 5849 *births* and 3494 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality from all causes was at the average rate of 22 deaths annually in every 1000 persons living. The annual death-rate was 23 per 1000 in Edinburgh, 26 in Glasgow, and 27 in Dublin; small-pox caused 19 deaths in Dublin, against 15 in each of the two preceding weeks.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Leicester 13, Nottingham 15, Hull 16, Plymouth 16, Portsmouth 17, Leeds 18, Bradford 19, Salford 19, Sunderland 19, Wolverhampton 19, Birmingham 20, Brighton 20, Norwich 20, Bristol 21, Oldham 21, London 22, Newcastle-on-Tyne 22, Manchester 25, Sheffield 25, and the highest rate during the week 26 in Liverpool. The annual death-rate from the seven principal zymotic diseases averaged 3·6 per 1000 in the twenty towns, and ranged from 0·0 and 0·6 in Brighton and Norwich, to 4·6 and 5·9 in Sunderland and Sheffield. Scarlet fever continues fatally prevalent in Sheffield, where this disease has caused 351 deaths since the beginning of the year; Sheffield contains no hospital for the isolation and treatment of cases of infectious diseases. Measles showed excessive fatality in Sunderland. Small-pox caused 47 deaths in London and its suburban districts, but not one in any of the nineteen large provincial towns.

London.

In London 2441 births and 1481 deaths were registered. Allowing for increase of population, the births exceeded by 158, and the deaths by 97, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two preceding weeks had been equal to 20·1 and 20·7 per 1000, further rose last week to 21·6.

The 1481 deaths included 42 from small-pox, 18 from measles, 27 from scarlet fever, 16 from diphtheria, 135 from whooping-cough, 22 from different forms of fever, and 25 from diarrhœa; thus to the seven principal diseases of the zymotic class 285 deaths were referred, against 246 and 276 in the two preceding weeks. These 285 deaths were 42 above the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 4·2 per 1000. The fatal cases of whooping-cough, which had been 102, 116, and 152 in the three previous weeks, were 135 last week, of which 36 occurred in the East and 46 in the South groups of districts; this disease showed especial fatality in Kensington, Hackney, Shoreditch, Bethnal Green, Mile End Old Town, Lambeth, Camberwell, Battersea, and Deptford. The mortality from measles and scarlet fever continues low, although the deaths from the latter disease showed an increase upon those in recent weeks. The fatal cases of diphtheria, which had been 20 and 17 in the two previous weeks, further declined to 16 last week, of which 4 occurred in St. John's Wood, 2 in Bethnal Green, and 2 in St. George-in-the-East. The deaths referred to fever rose to 22 from 20 and 15 in the two previous weeks; 2 fatal cases were certified as typhus, 15 as enteric or typhoid, and 5 as simple continued fever. The two fatal cases of typhus occurred in the Stockwell Fever Hospital; they had been admitted from 24 and 57, Salisbury Street, Bermondsey. The 25 deaths from diarrhœa, of which 21 were of infants under one year of age, showed a further increase upon the numbers in recent weeks.

The deaths from small-pox, which had steadily declined from 80 to 40 in the seven preceding weeks, were 42 last week, of which 27 occurred in the Metro-

politan Asylum Hospitals, 5 in the Highgate Small-pox Hospital, and 10 in private dwelling-houses. Eight of the deceased small-pox patients had resided in Hackney (5 of whom died in private houses), 5 in Pancras, 3 in Kensington, 3 in Fulham, 3 in Chelsea, and 3 in Islington. Of the 42 fatal cases of small-pox, 18 were certified as unvaccinated, and 10 as vaccinated; in the remaining 14 cases (of which 7 occurred in private practice and 4 in the Highgate Small-pox Hospital) the certifying medical practitioners omitted to give any information as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which was 854 on 20th April last, has since steadily declined to 558 on Saturday last; the number of new cases admitted to these hospitals, which had been 170, 126, and 108 in the three preceding weeks, further fell last week to 84, a smaller number than in any week since December last. The Highgate Small-pox Hospital contained 43 patients on Saturday last, against 39 and 48 on the two preceding Saturdays; 5 new cases were admitted during the week.

The deaths referred to diseases of the respiratory organs, which had been 199, 204, and 206 in the three preceding weeks, further increased to 270, and exceeded the average by 61; 169 resulted from bronchitis, and 72 from pneumonia.

Different forms of violence caused 59 deaths; 44 were the result of negligence or accident, including 16 from fractures and contusions, 5 from burns and scalds, 13 from drowning, 2 from poison, and 4 of infants under one year of age from suffocation. The 16 deaths from fractures and contusions were thus caused:—males aged 4 and 10 years, run over by carts; male 1, run over by dray; male 20, fell from horse; male 42, fell from railway carriage at Clapham Junction; males 14 and 52, run over on railways; male 13, fell from window; male 36, fell from scaffold; female 53, and male 60, fell down stairs; male 43, fell into ship's hold; male 4, fell in street during play; male 26, fractured spine; and males 17 and 57, fractured skulls. An inquest was held in each of these 16 cases. The death of an infant aged 16 months in Bow was referred to an accidental overdose of chlorodyne.

Greater London.

In the Greater London 2954 births and 1712 deaths were registered, equal to annual rates of 34·6 and 20·1 per 1000 of the population. In the Outer Ring whooping-cough caused 24 deaths (including 7 in Hornsey and 7 in West Ham and Stratford), against 6 and 21 in the two preceding weeks; of the 5 fatal cases of small-pox, 3 occurred in West Ham, one in Barnet, and one in Chigwell sub-districts.

Dr. Frankland reports, as the result of his analyses of the waters supplied to the Metropolis and some of its suburbs during May, that taking the average amount of organic impurity in a given volume of the Kent Company's water during the nine years ending December 1876 to represent unity, the proportional amount of such impurity in an equal volume of water supplied by each of the other Companies, and by the Tottenham Local Board, was:—Kent 0·85, Colne Valley 1·1, Tottenham 1·3, New River 2·9, East London 3·9, Lambeth 3·9, Chelsea 4·0, Grand Junction 4·5, West Middlesex 4·8, and Southwark 4·8. The River Thames was in flood and the water drawn from that source was unfit for dietetic purposes, being much polluted with organic matter, some of which was of animal origin. The Grand Junction and the Southwark Companies supplied turbid water, containing moving organisms; but the remaining Thames companies delivered efficiently filtered water. The Lea water was also deteriorated by the flood, but was of much better quality than that of the Thames. The Kent and Colne Valley Companies and the Tottenham Local Board distributed waters of a bright and wholesome character.

Dr. Hill, Medical Officer of Health, reports that the water supplied to Birmingham contained more ammonia and was more turbid than in April. Dr. Mills reports that the Loch Katrine water supplied to Glasgow contained an "exceptional amount of vegetable fibre with some insect life."

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 38, Bombay 45, Madras 42; Paris 25; Geneva 21; Brussels 27; Amsterdam 24, Rotterdam 25, The Hague 27; Copenhagen 20; Stockholm 27; Christiania 15; St. Petersburgh 58; Berlin 33, Hamburg 19, Dresden 26, Breslau 33, Munich 35; Vienna 33, Buda-Pesth 45; Naples 33, Turin 26, Venice 21; Alexandria 41; New York 22, and Philadelphia 17.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·81 in., the highest reading was 30·06 in. on Thursday at noon, and the lowest 29·46 in. at the end of the week. The mean temperature of the *air* was 57°·1, and 0°·2 below the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was below the average on Sunday, Wednesday, and Thursday, whereas an excess prevailed on each of the other days of the week; on Wednesday the mean was only 51°·5, and 5°·8 below the average, but on Saturday it had risen to 62°·2, and showed an excess of 4°·5. The lowest night temperature was 40°·7 on Sunday, and the highest day temperature in the shade 72°·4 on Saturday; the extreme range in the week was, therefore, 31°·7. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 132°·6 on Tuesday. The difference between the mean *dew-point* and *air* temperature averaged 6°·7. The mean tempearture of the water in the Thames, derived from daily observations taken at the "Royalist" Police ship, was 58°·5. The mean degree of *humidity* of the air was 79, complete saturation being represented by 100; the air was therefore of its average dryness. The direction of the *wind* was variable, and the horizontal movement of the air averaged 6·8 miles per hour, which was 3·2 below the average in the corresponding week of 16 years. *Rain* fell on four days of the week, to the aggregate amount of 0·80 of an inch. The duration of registered sunshine in the week was only 25·3 hours, although the sun was above the horizon during 114·5 hours; the recorded duration of sunshine was, therefore, equal to 22 per cent. of its possible duration.

The Registrar General has to acknowledge the courtesy of the London Water Companies who have furnished him with the average daily quantity of Water supplied during the month of May 1878; according to their returns 125,453,161 gallons or 569,991 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 230·5 gallons (104·7 decalitres), rather more than a *ton* by weight, to each house, and 32·5 gallons (14·8 decalitres) to each person, against 31·1 gallons in May 1877.

Companies.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons (including that for Manufactures and for various purposes other than for domestic consumption) during the Month of	
	May 1877.	May 1878.	May 1877.	May 1878.
Total Supply . . .	532,613	544,217	117,591,830	125,453,161
From Thames	250,034	257,295	59,218,609	62,788,068
From Lea and from other Sources . .	282,579	286,922	58,373,221	62,665,093
Thames.				
Chelsea	28,741	29,014	7,560,600	8,728,200
West Middlesex	49,162	50,677	10,334,504	10,187,794
Southwark and Vauxhall . . .	78,000	80,431	17,750,000	18,350,000
Grand Junction	37,683	38,462	10,698,605	12,333,974
Lambeth	56,448	58,711	12,874,900	13,188,100
Lea and other Sources.				
New River	125,180	126,629	25,973,000	28,305,000
East London	111,967	115,143	25,403,400	26,400,000
Kent	45,432	45,150	6,996,821	7,960,093

Note.—The Return for May 1878, as compared with that for the corresponding month of 1877, shows an increase of 11,604 houses, and of 7,861,331 gallons of water supplied daily.

Analysis of Metropolitan Water Supply during May.

Royal College of Chemistry, South Kensington Museum,
6th June, 1878.

Sir,

I have to report to you in the following Table the results of the chemical analysis of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of May.

I append, also, the results obtained in the analyses of the water supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the nine years ending December 1876 as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health was:—Kent 0·85, Colne Valley 1·1, Tottenham 1·3, New River 2·9, East London 3·9, Lambeth 3·9, Chelsea 4·0, Grand Junction 4·5, West Middlesex 4·8, and Southwark 4·8.

The Thames was in flood at the beginning of the month and the water delivered by the five Companies drawing from this source was unfit for dietetic purposes being much polluted with organic matter some of which was of animal origin. The Grand Junction Company supplied turbid, and the Southwark Company slightly turbid water, and and the suspended matter in both these waters contained moving organisms. The remaining Thames Companies delivered efficiently filtered water.

The Lea was also in flood and the water of the New River and East London Companies suffered deterioration in consequence. Nevertheless, this water was of much better quality than that obtained from the Thames.

The deep-well water delivered by the Kent and Colne Valley Companies, and by the Tottenham Local Board of Health, was unaffected by the rains; it was bright, wholesome, palatable, and of its usual excellent quality.

Seen through a stratum two feet deep, the water supplied by the Kent and Colne Valley Companies, and by the Tottenham Local Board, was clear and colourless; the New River, and East London Companies water was clear and almost colourless; the Chelsea Company's water, clear and very pale yellow; the West Middlesex and Lambeth Companies water, clear and pale yellow; that delivered by the Southwark Company, was slightly turbid and pale yellow; and that by the Grand Junction Company, turbid and yellowish brown.

Dr. Hill, the Medical Officer of Health for Birmingham, reports that the water supplied to that town "was of much the same quality as last month, but the ammonia was rather higher and the sample more turbid, due probably to the rains."

Dr. Mills, F.R.S., of Anderson's College, Glasgow, reports that the water supplied to that city from Loch Katrine was "brown in colour, and an exceptional amount of vegetable fibre was present, with some insect life."

I am, &c.

The Registrar General, &c. &c. E. Frankland.

Results of Analysis expressed in Parts per 100,000.

	Companies or Local Authorities.	Date and Place of Collection.	Temperature in centigrade degrees.	Total Solid Matters.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Nitrates and Nitrites.	Total combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	Thames:		°								
	Chelsea	3rd May, Cab Rank, Horse Guards.	12·6	27·50	·208	·029	0	·164	·193	1·6	19·7
	West Middlesex	3rd May, Cab Rank, Portland-road.	14·8	29·24	·229	·049	0	·171	·220	1·5	20·5
	Southwark	3rd May, Cab Rank, St. George's Church, Borough.	14·8	29·44	·227	·056	0	·178	·234	1·6	20·0
	Grand Junction	3rd May, Lancaster-gate, Hyde Prk.	11·8	30·80	·226	·040	0	·180	·220	1·6	20·0
	Lambeth	3rd May, Cab Rank, Westminster Bridge-road.	13·8	30·68	·183	·051	0	·215	·266	1·6	20·0
	Other Sources:										
	New River	3rd May, Cab Rank, Tottenham-court-road.	14·0	26·78	·142	·030	0	·212	·242	1·55	19·1
	East London	3rd May, Royal Hotel, Mile-End-rd.	14·0	29·94	·189	·042	0	·170	·212	1·85	20·9
	Kent	4th May, Deptford Bridge Police Station.	12·3	44·70	·031	·019	0	·455	·474	2·45	28·1
Outer Circle.	Colne Valley	9th May, Bushey.	11·6	14·26	·040	·024	0	·325	·349	1·4	6·7
	Tottenham Local Board	1st May, High-street, Tottenham.	–	49·90	·043	·020	0	·605	·625	3·6	27·9
	" "	17th May, High-street, Tottenham.	–	48·96	·069	–	·002	·525	–	3·5	24·3
	Corporation of Birmingham*	7th May, 9 Court, Fordrough-street.	12·2	21·46	·130	·044	·005	·220	·268	1·9	14·0
	Corporation of Glasgow †	15th May, Loch Katrine service.	10·7	2·30	·104	·030	0	·006	·019	·55	·79
	Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

* Analysed by Dr. Alfred Hill, Medical Officer of Health and Analyst to the Borough.
† Analysed by Dr. E. J. Mills, F.R.S., of Anderson's College, Glasgow.

The numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11, all relate to 100,000 parts of the waters. The Table is to be read thus: the Chelsea Company's water, collected on the 3rd May at the Horse Guards cab-rank, had a temperature of 12°·6 C.; 100,000 lbs. of it contained 27·50 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·208 lb. of carbon and ·029 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·164 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of *combined* nitrogen in every form was ·193 lb. The above weight of water also contained 1·6 lbs. of chlorine; and 19·72 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 8th June, 1878.

CITIES AND BOROUGHS. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 8th June, 1878.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
In 23 TOWNS in the UNITED KINGDOM	220,845	8,373,953	37·9	5849	3494	74·0	36·9	54·4	12·44	1·04	2·64
LONDON	75,362	3,577,304	47·5	2441	1481	72·4	40·7	57·1	13·95	0·80	2·03
BRIGHTON	2,354	103,923	44·1	66	39	71·0	47·0	56·8	13·78	0·08	0·20
PORTSMOUTH	4,486	129,461	28·9	81	42	64·0	49·0	55·6	13·12	0·35	0·89
NORWICH	7,472	84,620	11·3	48	32	73·8	42·0	55·8	13·23	0·70	1·78
PLYMOUTH	1,395	73,599	52·8	35	23	68·5	49·0	57·1	13·95	0·38	0·97
BRISTOL	4,452	206,419	46·4	149	82	71·9	44·0	–	–	0·65	1·65
WOLVERHAMPTON	3,396	74,240	21·9	52	27	67·3	39·6	53·0	11·67	1·74	4·42
BIRMINGHAM	8,400	383,117	45·6	305	144	–	–	–	–	–	–
LEICESTER	3,200	121,473	38·0	91	31	72·5	42·8	56·1	13·39	0·72	1·83
NOTTINGHAM	9,960	165,267	16·6	104	47	74·0	38·2	55·5	13·06	1·27	3·23
LIVERPOOL	5,210	532,681	102·2	397	265	64·8	45·7	54·5	12·50	1·35	3·43
MANCHESTER	4,293	360,514	84·0	259	172	–	–	–	–	–	–
SALFORD	5,170	170,251	32·9	134	61	68·8	36·9	53·0	11·67	1·16	2·95
OLDHAM	4,666	107,366	23·0	78	44	–	–	–	–	–	–
BRADFORD	7,220	185,088	25·6	107	66	66·7	42·0	52·0	11·11	1·22	3·10
LEEDS	21,572	304,948	14·1	225	106	68·0	41·0	52·6	11·45	1·37	3·48
SHEFFIELD	19,651	289,537	14·7	206	141	70·5	38·7	52·9	11·61	1·19	3·02
HULL	3,635	143,139	39·4	121	43	70·0	40·0	53·7	12·06	1·43	3·63
SUNDERLAND	3,306	112,459	34·0	83	41	62·0	46·0	51·1	10·62	0·52	1·32
NEWCASTLE-ON-TYNE	5,371	144,570	26·9	101	62	–	–	–	–	–	–
EDINBURGH	4,191	222,371	53·1	147	96	–	–	–	–	–	–
GLASGOW	6,033	566,940	94·0	439	284	62·0	40·5	51·5	10·84	1·23	3·12
DUBLIN	10,050	314,666	31·3	180	165	71·4	42·5	57·1	13·95	1·50	3·81

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.

† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday, the 8th June, 1878.

BOROUGHS, &c. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
				Deaths of		Deaths from									
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
In 20 TOWNS	21·2	3·6	2949	698	553	42	48	96	23	184	55	51	112	171	464
LONDON	21·6	4·2	1481	353	276	42	18	27	16	135	22	25	59	94	283
BRIGHTON	19·6	0·0	39	9	9	–	–	–	–	–	–	–	1	1	6
PORTSMOUTH	16·9	2·0	42	4	13	–	2	–	–	1	1	1	1	2	7
NORWICH	19·7	0·6	32	8	13	–	–	–	–	1	–	–	1	2	5
PLYMOUTH	16·3	4·3	23	2	3	–	2	–	1	1	1	1	1	1	2
BRISTOL	20·7	2·3	82	22	19	–	1	1	–	1	5	1	5	4	13
WOLVERHAMPTON	19·0	1·4	27	5	7	–	–	–	–	1	1	–	–	–	3
BIRMINGHAM	19·6	3·1	144	46	23	–	1	7	–	8	3	4	2	4	21
LEICESTER	13·3	1·7	31	13	8	–	–	–	–	2	–	2	–	1	2
NOTTINGHAM	14·8	1·6	47	11	9	–	–	1	1	2	1	–	4	7	2
LIVERPOOL	26·0	4·4	265	56	49	–	6	15	1	7	10	6	9	12	36
MANCHESTER	24·9	2·9	172	31	30	–	2	6	–	7	3	2	7	15	39
SALFORD	18·7	4·3	61	14	14	–	1	5	1	3	2	2	–	1	3
OLDHAM	21·4	2·9	44	13	5	–	3	2	–	–	–	1	2	3	4
BRADFORD	18·6	2·3	66	16	13	–	2	–	–	4	1	1	4	5	4
LEEDS	18·1	1·9	106	33	17	–	–	2	–	3	2	4	5	6	12
SHEFFIELD	25·4	5·9	141	30	22	–	4	21	3	3	2	–	4	5	10
HULL	15·7	0·7	43	11	6	–	–	–	–	1	1	–	5	5	3
SUNDERLAND	19·0	4·6	41	8	5	–	6	1	–	2	–	1	1	2	2
NEWCASTLE-ON-TYNE	22·4	3·6	62	13	12	–	–	8	–	2	–	–	1	1	7
DUBLIN	27·4	8·0	165	17	37	19	3	5	2	11	5	3	3	2	63

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the TWENTY-THIRD Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2016	1940	2064	2132	2202	1909	2263	2186	2272	2348	2133·2	2441
Males . .	1042	1002	1058	1080	1118	959	1141	1104	1213	1180	1089·7	1287
Females .	974	938	1006	1052	1084	950	1122	1082	1059	1168	1043·5	1154
TOTAL **Deaths**	1160	1305	1273	1437	1289	1219	1204	1335	1286	1429	1293·7	1481
Males . .	599	687	672	756	673	607	622	714	660	746	673·6	774
Females .	561	618	601	681	616	612	582	621	626	683	620·1	707

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.	May 4.	May 11.	May 18.	May 25.	June 1.	June 8.
TOTAL **Deaths** - - -	1526	1676	1766	1877	1895	1773	1661	1545	1383	1380	1381	1419	1481
0—20 - -	767	854	899	900	954	899	876	775	709	670	707	761	773
20—40 - -	196	198	214	230	234	241	218	235	213	194	192	218	178
40—60 - -	245	283	296	346	293	279	286	240	215	258	225	212	254
60—80 - -	257	276	295	323	343	295	232	252	206	215	208	183	240
at 80 years & upwds.	61	65	62	78	71	59	49	43	40	43	49	45	36
Deaths of children: Under 1 year -	352	386	390	381	415	379	394	371	306	303	317	346	353
Deaths of children: 1—5 - -	301	351	368	402	403	375	357	286	296	261	274	295	296
Deaths of children: 5—20 - -	114	117	141	117	136	145	125	118	107	106	116	120	124
Deaths from 7 principal Zymotic Diseases	243	277	339	319	346	323	305	295	245	259	246	276	285
" " Small-pox - -	53	42	48	55	58	80	63	60	48	48	43	40	42
" " Measles - -	32	34	35	30	40	31	38	29	33	28	14	15	18
" " Scarlet fever -	28	22	47	42	36	37	22	27	24	26	17	17	27
" " Diphtheria -	6	13	12	8	9	8	11	10	9	12	20	17	16
" " Whooping-cough	84	124	158	146	157	123	136	117	110	102	116	152	135
" " Typhus fever -	9	2	3	4	4	3	3	5	1	3	2	4	2
" " Enteric (or Typhoid) fever -	16	25	23	20	23	14	15	19	8	16	15	11	15
" " Simple Contd fever	2	2	2	5	5	9	6	5	5	3	3	–	5
" " Diarrhœa - -	13	13	11	9	14	18	11	23	7	21	16	20	25
" " Simple Cholera -	–	1	–	–	1	–	–	1	–	–	–	–	–
" " Dis. of Respiratory Organs -	340	402	421	474	497	398	345	284	225	199	204	206	270
" " Phthisis - -	174	154	169	208	182	188	174	189	139	171	151	208	162
" " Heart Diseases -	86	89	118	111	106	88	71	70	74	79	77	69	91
Violent Deaths - - -	35	53	57	39	49	75	64	60	66	75	59	55	59
Inquest Cases - - -	72	98	118	102	99	124	100	101	96	109	85	92	94
Deaths in Public Institutions	294	333	334	358	333	360	334	307	264	274	298	280	283
TEMPERATURE OF THE AIR:													
Mean - - - - -	40°·5	43°·3	35°·5	40°·4	46°·0	51°·5	51°·2	55°·5	56°·7	58°·0	51°·8	52°·7	57°·1
Mean of Highest readings -	48·3	50·5	44·6	50·3	54·1	61·0	61·6	66·5	66·6	67·6	62·2	62·4	68·0
Mean of Lowest readings -	33·7	37·3	29·1	31·8	38·0	44·4	44·0	47·0	48·3	50·7	44·2	45·5	48·1
Mean Temperature of the Water of the Thames -	47·0	45·7	44·0	41·4	44·7	50·0	53·5	55·7	58·7	60·9	59·7	58·3	58·5
Humidity of the Air - -	74	75	76	78	75	85	80	77	79	75	77	81	79
Rain-fall in inches - -	0·09	0·00	0·71	0·38	2·85	0·73	0·20	0·66	2·10	0·63	0·81	0·39	0·80
Registered Sunshine (in hours)	19·1	9·9	18·2	34·6	45·4	17·9	40·6	35·8	33·5	48·3	36·4	29·3	25·3

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-THIRD Week of the Year 1878.

ES OF DEATH.	Average in the Twenty-third Weeks of the 10 years 1868-77.*	In the Week ending Saturday, June 8, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
an Temperature -	56·4	57·1							
CAUSES - -	1293·7	1481	353	296	124	178	254	240	36
CIFIED CAUSES	1287·4	1479	353	296	124	178	253	239	36
. ZYMOTIC.									
ORDER 1.									
all-pox - - -	37·2	42	3	5	10	16	7	1	-
asles - - -	38·4	18	5	12	1	-	-	-	-
arlet Fever - -	42·1	27	1	15	10	1	-	-	-
phtheria - -	5·9	16	-	10	5	-	1	-	-
inisy - - -	·2	-	-	-	-	-	-	-	-
oup - - -	8·3	8	2	6	-	-	-	-	-
hooping-cough -	51·9	135	52	80	3	-	-	-	-
phus - - -	27·8	2	-	-	1	-	1	-	-
teric or Typhoid Fev.		15	-	2	9	3	1	-	-
mple continued Fev.		5	-	1	3	-	1	-	-
ysipelas - - -	7·9	4	-	-	-	2	1	1	-
erperal Fev. (Metria)	4·0	3	-	-	-	3	-	-	-
rbuncle - - -	1·1	-	-	-	-	-	-	-	-
fluenza - - -	·2	-	-	-	-	-	-	-	-
sentery - - -	1·6	1	-	-	-	1	-	-	-
arrhœa - - -	23·6	25	21	2	-	-	-	1	1
mple Cholera - -	1·0	-	-	-	-	-	-	-	-
gue - - - -	·5	-	-	-	-	-	-	-	-
mittent Fever -	·3	1	-	-	-	1	-	-	-
eumatism - -	8·5	7	-	-	-	2	1	4	-
her *Zymotic* Diseases	·3	4	3	1	-	-	-	-	-
ORDER 2.									
philis - - -	7·2	6	6	-	-	-	-	-	-
icture of Urethra -	1·4	1	-	-	-	1	-	-	-
drophobia - -	-	-	-	-	-	-	-	-	-
anders - - -	-	-	-	-	-	-	-	-	-
ORDER 3.									
ivation - - -	·1	-	-	-	-	-	-	-	-
ant of Breast-milk -	6·6	1	1	-	-	-	-	-	-
rpura and Scurvy -	3·3	8	1	6	-	-	1	-	-
co- a Del. Tremens	1·8	1	-	-	-	-	1	-	-
sm b Intemperance	1·9	1	-	-	-	1	-	-	-
ORDER 4.									
rush - - -	2·1	3	3	-	-	-	-	-	-
orms, &c. - -	·1	-	-	-	-	-	-	-	-
NSTITUTIONAL.									
ORDER 1.									
out - - - -	2·0	4	-	-	-	1	1	2	-
ropsy - - -	9·9	9	2	-	1	-	2	4	-
ncer - - -	33·2	37	-	-	1	3	18	14	1
ncrum Oris (Noma)	·1	-	-	-	-	-	-	-	-
ortification - -	3·0	3	-	-	-	-	-	2	1
ORDER 2.									
rofula - - -	11·5	7	2	3	-	1	1	-	-
bes Mesenterica -	21·4	31	14	11	5	-	1	-	-
thisis - - -	165·9	162	2	9	22	65	62	2	-
ydrocephalus - -	32·5	31	11	16	4	-	-	-	-
III. LOCAL.									
ORDER 1.									
phalitis - - -	21·1	26	4	12	6	3	1	-	-
ceplexy - - -	35·1	46	1	5	1	3	14	19	3
ralysis - - -	28·0	21	1	-	1	2	2	13	2
sanity - - -	2·5	3	-	-	-	-	1	2	-
orea - - -	·2	-	-	-	-	-	-	-	-
ilepsy - - -	6·2	6	-	1	2	-	2	1	-
nvulsions - -	50·1	58	45	11	1	1	-	-	-
rain Disease, &c. -	19·9	19	1	-	2	5	4	7	-
ORDER 2.									
ricarditis - -	1·7	2	-	-	1	-	-	1	-
eurism - - -	2·2	2	-	-	-	1	1	-	-
eart Disease, &c. -	64·4	87	-	-	7	17	30	30	3
ORDER 3.									
aryngitis - - -	7·5	4	3	1	-	-	-	-	-
ronchitis - - -	102·0	169	41	39	3	4	24	52	6
eurisy - - -	3·1	5	-	-	-	1	1	3	-
eumonia - -	64·6	72	25	19	7	8	8	4	1
sthma - - -	6·3	7	-	-	-	-	4	3	-
ung Disease, &c. -	12·2	18	5	4	-	2	2	-	-

CAUSES OF DEATH.	Average in the Twenty-third Weeks of the 10 years 1868-77.*	In the Week ending Saturday, June 8, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
Mean Temperature	56·4	57·1							
ORDER 4.									
1. Gastritis - - -	2·1	2	2	-	-	-	-	-	-
2. Enteritis - - -	4·5	6	3	1	-	-	-	2	-
3. Peritonitis - - -	7·2	5	-	1	-	2	1	1	-
4. Ascites - - -	1·6	1	-	-	-	-	-	1	-
5. Ulceration of Intestines	2·2	1	-	-	-	1	-	-	-
6. Hernia - - -	2·4	6	-	-	-	1	1	4	-
7. Ileus - - - -	3·6	6	1	-	-	1	-	3	1
8. Intussusception - -	1·5	2	1	-	-	-	1	-	-
9. Stricture of Intestines	·9	3	-	-	-	-	2	1	-
10. Fistula - - -	·4	-	-	-	-	-	-	-	-
11. *Stomach Disease, &c.* -	6·7	6	-	-	-	3	-	3	-
12. *Pancreas Disease, &c.*	·1	-	-	-	-	-	-	-	-
13. Hepatitis - - -	3·4	1	-	-	-	-	-	1	-
14. Jaundice - - -	4·4	4	2	-	-	1	-	1	-
15. *Liver Disease, &c.* -	18·3	22	-	-	1	-	16	5	-
16. *Spleen Disease, &c.* -	·2	-	-	-	-	-	-	-	-
ORDER 5.									
1. Nephritis - - -	1·4	3	-	1	-	-	2	-	-
2. Ischuria - - -	·1	-	-	-	-	-	-	-	-
3. Bright's Dis. (Nephria)	10·9	17	-	-	1	3	9	4	-
4. Diabetes - - -	1·8	2	-	-	-	-	-	2	-
5. Calculus (Stone) -	1·0	-	-	-	-	-	-	-	-
6. Cystitis - - -	1·8	1	-	-	1	-	-	-	-
7. *Kidney Disease, &c.* -	8·2	7	-	-	-	-	5	2	-
ORDER 6.									
1. Ovarian Dropsy - -	·2	3	-	-	-	1	1	1	-
2. *Uterus Disease, &c.* -	6·1	1	-	-	-	-	1	-	-
ORDER 7.									
1. Synovitis (Arthritis) -	—	-	-	-	-	-	-	-	-
2. *Joint Disease, &c.* -	5·9	7	-	1	2	2	1	1	-
ORDER 8.									
1. Phlegmon - - -	2·5	2	1	-	-	-	-	1	-
2. Ulcer - - - -	·7	2	1	-	-	-	1	-	-
3. *Skin Disease, &c.* -	1·1	1	1	-	-	-	-	-	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth -	22·1	26	26	-	-	-	-	-	-
2. Cyanosis - - -	2·6	4	3	-	-	1	-	-	-
3. Spina Bifida - -	1·0	1	1	-	-	-	-	-	-
4. Other Malformations -	·9	-	-	-	-	-	-	-	-
5. Teething - - -	12·6	18	11	7	-	-	-	-	-
ORDER 2.									
1. Paramenia - -	·3	-	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever) - -	4·2	4	-	-	-	4	-	-	-
ORDER 3.									
1. Old Age - - -	40·8	43	-	-	-	-	-	26	17
ORDER 4.									
1. Atrophy and Debility	55·0	55	36	8	1	-	3	7	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	19·0	16	-	3	4	3	5	1	-
2. Wounds { Gunshot	·9	-	-	-	-	-	-	-	-
2. Wounds { Cut, Stab		-	-	-	-	-	-	-	-
3. Burns and Scalds -	3·1	5	1	1	1	-	1	1	-
4. Poison - - -	1·4	2	-	1	-	-	-	1	-
5. Drowning - - -	8·5	13	-	-	7	6	-	-	-
6. Suffocation - -	7·7	5	4	-	-	-	-	1	-
7. Otherwise - - -	2·6	3	-	-	-	1	1	1	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	2·1	6	4	1	-	-	1	-	-
ORDER 4. (SUICIDE.)									
1. Wounds { Gunshot	·8	-	-	-	-	-	-	-	-
1. Wounds { Cut, Stab	1·8	2	-	-	-	-	1	1	-
2. Poison - - -	1·1	-	-	-	-	-	-	-	-
3. Drowning - - -	2·9	2	-	-	-	-	2	-	-
4. Hanging - - -	2·2	4	-	-	-	-	3	1	-
5. Otherwise - - -	·6	1	-	-	-	-	1	-	-
ORDER 5. (EXECUTION.)									
1. Hanging - - -	·1	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - -	·5	2	-	-	-	-	1	1	-
Causes not specified or ill-defined - - -	5·8	-	-	-	-	-	-	-	-

These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered g 1878.

he evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, laughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCAR
during the Week en

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age.	Deaths of Persons aged 60 Years & upwds.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,254,260	2441	1481	353	276	42	18	27	16	135	2	15	5	25	59	94
WEST DISTRICTS	561,359	390	251	78	51	10	3	4	1	22	-	1	-	4	9	15
NORTH DISTRICTS	751,729	590	369	79	63	22	6	9	5	22	-	3	-	6	14	27
CENTRAL DISTRICTS	334,369	176	123	28	18	-	4	-	1	9	-	2	2	2	8	12
EAST DISTRICTS	639,111	489	292	70	58	1	3	3	5	36	-	3	1	4	10	18
SOUTH DISTRICTS	967,692	796	446	98	86	9	2	11	4	46	2	6	2	9	18	22
WEST DISTRICTS.																
St. Mary Paddington *WH*	58728	42	21	8	5	-	-	-	-	1	-	1	-	1	1	2
St. John Paddington *H*	38085	9	16	2	5	-	-	-	1	1	-	-	-	1	2	2
Kensington Town *W*	91645	66	57	22	10	-	2	3	-	7	-	-	-	-	1	2
Brompton *H*	28654	23	9	5	2	-	-	-	-	1	-	-	-	-	-	-
St. Peter Hammersmith	6662	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith *H*	36029	32	19	4	4	-	-	-	-	1	-	-	-	-	1	2
Fulham *WwH*	23350	29	29	4	4	10	-	-	-	4	-	-	-	-	-	-
Chelsea South *HHH*	26420	23	10	6	-	-	-	-	-	4	-	-	-	-	1	1
Chelsea North-west *WHHHH*	22926	23	18	5	5	-	-	-	-	-	-	-	-	-	-	-
Chelsea North-east	21392	29	11	4	2	-	-	1	-	-	-	-	-	-	-	2
Hanover Square *H*	18698	7	2	2	-	-	-	-	-	-	-	-	-	-	-	-
May Fair *WW*	13358	4	6	2	3	-	-	-	-	-	-	-	-	1	-	-
Belgrave *HH*	57972	34	19	4	3	-	-	-	-	2	-	-	-	-	3	3
St. John Westminster *HH*	38478	26	12	7	2	-	-	-	-	-	-	-	-	-	-	-
St. Margaret Westminster *WH*	27781	9	6	-	2	-	-	-	-	-	-	-	-	-	-	-
Golden Square *WH*	12860	7	5	1	2	-	1	-	-	-	-	-	-	-	-	1
Berwick-street *H*	20759	13	6	-	2	-	-	-	-	-	-	-	-	-	-	-
St. Anne Soho *HHHHH*	17562	10	5	2	-	-	-	-	-	1	-	-	-	1	-	-
NORTH DISTRICTS.																
All Souls Marylebone *HHHH*	28579	15	12	3	2	-	2	-	-	-	-	-	-	-	-	1
Cavendish Square *HH*	15425	7	2	-	2	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone *WH*	26384	14	24	4	5	-	-	-	-	3	-	-	-	1	-	1
St. Mary Marylebone *HHH*	21786	30	10	3	2	-	-	1	-	-	-	-	-	-	2	2
Christchurch Marylebone *H*	33944	25	11	2	1	-	-	1	-	-	-	-	-	-	-	1
St. John Marylebone *H*	33136	29	15	2	2	-	-	-	4	1	-	-	-	-	1	3
Hampstead *WwHH*	32281	19	15	4	2	6	-	-	-	2	-	-	-	-	1	1
Regent's Park Pancras	38200	15	16	4	2	1	1	-	-	1	-	-	-	-	1	1
Tottenham-court *wHHH*	29370	17	28	5	5	-	-	1	-	-	-	-	-	-	2	3
Gray's Inn Lane *HHH*	29221	26	13	3	2	-	-	-	-	1	-	-	-	-	-	-
Somers Town	38533	27	10	5	-	-	-	1	-	-	-	-	-	-	-	2
Camden Town *WH*	17943	7	8	1	4	-	-	-	-	-	-	-	-	-	-	1
Kentish Town *w*	68198	56	31	6	4	-	-	2	-	3	-	-	-	-	1	1
Islington West *HHH*	97820	75	44	13	7	5	-	1	-	1	-	1	-	2	-	2
Islington East *WwwH*	115958	98	50	11	9	1	2	-	1	2	-	-	-	2	2	4
Stoke Newington *H*	9841	18	4	-	1	-	-	-	-	1	-	-	-	-	-	-
Stamford Hill	6598	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney	28069	25	14	3	4	-	1	-	-	1	-	-	-	-	1	1
Hackney *WwwHL*	50104	50	46	8	5	6	-	2	-	4	-	1	-	1	3	3
South Hackney	30339	33	14	1	4	3	-	-	-	2	-	1	-	-	-	-
CENTRAL DISTRICTS.																
St. George Bloomsbury	17853	5	3	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Giles South *WH*	19109	6	7	1	1	-	1	-	-	-	-	-	-	-	1	2
St. Giles North	16594	11	7	3	1	-	-	-	-	2	-	-	-	-	-	-
Long Acre	11379	7	4	2	-	-	-	-	-	-	-	-	-	-	-	-
Charing Cross *HH*	9859	4	7	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary-le-Strand	9378	3	6	2	2	-	-	-	-	-	-	-	-	-	1	1
St. Clement Danes *H*	10723	2	9	2	2	-	-	-	-	2	-	-	-	-	-	-
St. George-the-Martyr *HHHHH*	20521	9	8	1	3	-	-	-	-	-	-	-	-	-	-	2
St. Andrew Eastern *W*	13529	10	10	-	-	-	-	-	-	-	-	1	-	-	1	2
Saffron Hill *H*	9066	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell *W*	18917	16	3	2	-	-	-	-	-	1	-	-	-	-	-	-
Amwell Clerkenwell	16884	17	6	1	1	-	1	-	-	-	-	1	-	-	-	-
Pentonville	13337	13	2	2	-	-	-	-	-	-	-	-	-	-	1	1
Goswell-street	16242	7	4	1	-	-	1	-	-	-	-	-	-	-	-	-
Old-street *H*	12161	11	3	1	-	-	-	-	-	1	-	-	-	-	-	-
City-road *HHL*	18301	13	3	2	-	-	-	-	-	1	-	-	-	-	-	-
Whitecross-street	13792	12	5	1	2	-	1	-	-	-	-	-	-	-	-	-
Finsbury	10741	9	4	1	-	-	-	-	1	1	-	-	-	-	-	-
St. Botolph East London *H*	14540	5	5	2	-	-	-	-	-	1	-	-	1	1	-	-
Cripplegate	13638	1	3	1	1	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre *H*	7562	3	10	-	1	-	-	-	-	-	-	-	-	1	3	3
St. Bride *W*	11185	3	4	1	2	-	-	-	-	-	-	-	-	-	1	1
Castle Baynard	4426	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch	6270	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe	4753	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking	5764	2	2	-	1	-	-	-	-	-	-	-	1	-	-	-
Broad-street *H*	7845	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: *W*—Workho
H—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see
at the foot of next page.

EVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
aturday, 8th June 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
olywell Shoreditch	12430	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
t. Leonard Shoreditch *HL*†	16545	6	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-
oxton New Town *w*	27835	16	12	2	1	-	-	-	-	2	-	-	-	-	-	-	-
oxton Old Town	26933	18	8	1	1	-	-	1	-	1	-	-	-	-	-	-	-
aggerston *WH*	43421	26	20	4	7	-	-	-	-	4	-	-	-	-	-	-	7
ackney-road *H*	29822	26	14	6	2	-	-	-	1	4	-	1	-	-	-	-	-
reen, Bethnal Green *WHL*†	42433	38	25	7	7	1	-	1	-	3	-	1	-	1	1	1	8
hurch, Bethnal Green	26577	27	7	2	2	-	-	-	1	-	-	-	-	-	-	-	-
own, Bethnal Green	21272	16	6	3	-	-	-	-	-	-	-	-	-	1	-	-	-
pitalfields *H*	22499	14	6	4	1	-	-	-	-	1	-	-	-	-	-	1	-
ile End New Town *W*	15550	13	16	3	6	-	-	1	-	1	-	-	1	-	-	1	8
hitechapel North	11597	12	2	-	-	-	-	-	-	-	-	-	-	-	1	1	-
hitechapel Church *H*	7322	4	25	2	4	-	-	-	-	1	-	-	-	-	5	7	18
oodman's Fields	10381	3	5	-	-	-	-	-	-	2	-	-	-	-	-	-	-
ldgate	9224	1	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-
t. Mary St. George East	17900	13	9	2	1	-	-	-	2	-	-	-	-	-	-	-	-
t. Paul St. George East	21350	6	4	2	1	-	-	-	-	1	-	-	-	-	-	-	-
t. John St. George East *W*	8802	9	6	-	3	-	-	-	-	-	-	-	-	-	-	-	6
hadwell *H*	11640	6	4	-	1	-	-	-	-	1	-	-	-	-	-	-	1
atcliff	16131	14	11	4	1	-	-	-	-	2	-	-	-	-	1	1	-
imehouse	29919	27	15	4	3	-	2	-	1	2	-	-	-	1	-	-	-
ile End Old Town Western	38128	34	12	3	4	-	-	-	-	1	-	-	-	-	-	-	-
ile End Old Town Eastern *WwcH*	55024	37	27	8	4	-	-	-	-	6	-	1	-	-	-	-	2
ow *wwwH*	67765	76	40	9	4	-	1	-	-	3	-	-	-	1	1	4	14
oplar *WW*	48611	42	9	3	2	-	-	-	-	1	-	-	-	-	1	2	-
SOUTH DISTRICTS.																	
hristchurch Southwark *WH*	14573	12	5	1	2	-	-	-	-	-	-	-	-	-	1	1	1
t. Saviour Southwark *H*	15677	7	8	1	3	-	-	-	-	2	-	-	-	-	-	-	-
ent-road	20421	13	11	4	-	-	-	2	-	-	-	-	-	1	1	1	-
orough-road *WH*	16695	10	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
ondon-road *HL*	18961	13	15	2	3	-	-	1	-	3	-	-	1	-	-	1	-
rinity Newington	23682	11	6	3	-	-	-	-	-	1	-	-	-	-	-	-	-
t. Peter Walworth *W*	48248	43	25	5	4	-	1	-	-	4	-	-	-	-	-	-	2
t. Mary Newington	16792	13	8	2	2	-	-	-	-	-	-	-	-	-	-	1	-
t. Olave Southwark *H*	4373	-	9	-	2	-	-	1	-	-	-	-	-	-	2	2	8
t. John Horsleydown *W*	10500	6	6	2	-	-	-	-	-	-	-	-	-	1	-	-	-
eather Market	16787	20	10	2	1	-	-	1	-	-	-	-	-	1	-	-	-
t. Mary Magdalen *W*	15709	20	8	3	2	-	-	1	-	1	-	-	-	-	2	2	-
t. James Bermondsey	47933	44	15	4	1	-	-	-	-	2	-	1	-	-	-	-	-
otherhithe *W*	27096	23	16	4	3	1	-	-	-	1	-	-	-	-	2	3	-
aterloo-road 1st *H*	14074	9	12	2	4	-		-	-	1	-	2	-	-	1	1	2
aterloo-road 2nd *H*	18465	7	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
ambeth Church 1st *H*	19492	22	13	-	4	-	-	-	-	-	-	-	-	-	1	1	4
ambeth Church 2nd *WW*	35833	31	18	3	10	-	-	-	-	2	-	-	-	1	-	1	11
ennington 1st	41286	32	15	3	4	-	-	-	-	4	-	-	-	-	-	-	-
ennington 2nd	31221	19	8	1	2	-	-	-	-	1	-	-	-	-	1	1	-
rixton *w*	35435	45	22	5	2	4	-	-	1	1	2	1	-	1	-	-	7
orwood *W*	12536	6	6	-	1	-	-	-	-	-	-	-	-	-	-	-	-
lapham *H*	27347	15	8	2	3	-	-	-	-	-	-	-	-	-	-	-	-
attersea *Ww*	54016	73	27	6	3	-	1	-	-	5	-	2	1	-	1	1	3
andsworth *HL*	19783	11	6	2	-	-	-	-	-	-	-	-	-	-	-	-	1
utney	9439	5	2	1	-	-	-	-	-	-	-	-	-	-	1	1	-
reatham	14475	11	5	-	-	-	-	-	-	-	-	-	-	-	-	1	-
ulwich	4041	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
amberwell *WL*†*L*†	31254	33	15	5	4	-	-	-	-	2	-	-	-	-	-	-	3
eckham *W*	42160	55	20	2	4	-	-	2	-	4	-	-	-	-	-	-	-
. George Camberwell	33851	23	18	4	3	-	-	1	1	2	-	-	-	-	-	-	-
. Paul Deptford *w*	53714	42	21	9	2	3	-	-	-	4	-	-	-	-	-	-	3
. Nicholas Deptford	6474	5	5	2	-	-	-	-	-	1	-	-	-	2	2	2	-
reenwich West	21034	19	12	3	3	-	-	2	-	-	-	-	-	1	1	1	-
reenwich East *WH*	19378	12	17	1	4	-	-	-	-	-	-	-	-	-	1	1	14
tham *H*	4539	2	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
e	16440	8	2	-	-	-	-	-	-	2	-	-	-	-	-	-	-
wisham Village *WH*	11513	14	7	1	1	-	-	-	-	-	-	-	-	-	-	-	1
denham *H*	19065	9	5	4	-	-	-	-	-	1	-	-	-	1	-	-	-
arlton *H*	9564	5	4	1	1	-	-	-	1	1	-	-	-	-	1	-	1
oolwich Dockyard	17226	10	7	2	-	1	-	-	1	-	-	-	-	-	-	-	-
oolwich Arsenal *WHH*	18331	7	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
umstead West	13027	17	5	1	2	-	-	-	-	1	-	-	-	-	-	-	-
umstead East *W*	15232	13	10	1	5	-	-	-	-	-	-	-	-	-	-	-	4

he following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the ve Table by *w*:—

Central London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary " " "
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.
London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

Table 7. LONDON — OUTER RING. — Area; Population; Births and Deaths registered during Week ending Saturday, 8th June 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The Deaths registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
	LONDON—OUTER RING	368,414	631,381	513	231	49	50	5	3	3	1	24	2	1	6	10
29 : 1	Carshalton *wL* - - -	12228	13523	5	8	1	2	-	-	-	-	-	-	-	-	-
2	Epsom (*part of*) * *WH* -	9971	9145	4	4	-	1	-	-	-	-	-	-	-	-	-
36 : 1	Godstone (*part of*) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	49	17	2	4	-	-	-	-	-	-	-	-	-
2	Mitcham *WH* - - -	11697	12534	8	1	-	-	-	-	-	-	-	-	-	-	-
38 : 1	Wimbledon *HH* - - -	3220	9087	7	2	1	-	-	1	-	-	-	-	-	-	-
2	Kingston *WH* - - -	8549	27489	28	8	2	4	-	-	-	-	1	-	-	-	-
3	Esher (*part of*) * - -	6601	7358	1	2	-	-	-	-	-	-	-	-	-	-	-
4	Hampton - - - -	4573	10185	5	2	-	-	-	-	-	-	-	-	-	-	-
39 : 1	Richmond *WH* - - -	2271	16829	10	10	2	2	-	-	-	-	1	-	1	1	2
2	Mortlake - - - -	2961	9316	4	-	-	-	-	-	-	-	-	-	-	-	-
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	25	7	3	1	-	-	-	-	-	-	-	-	-
2	Chislehurst (*part of*) * *W* -	13665	10028	4	3	2	-	-	-	-	-	-	-	-	-	-
41 : 1	Bexley *H* - - - -	13439	19566	15	5	1	2	-	-	-	-	-	-	-	-	-
123 : 1	Sunbury *W* - - -	11055	9860	4	2	-	-	-	-	-	-	-	-	-	-	-
2	Staines *W* - - - -	13277	10339	9	1	-	-	-	-	-	-	-	-	-	-	-
124 : 1	Hillingdon *WH* - - -	6029	9712	4	2	-	1	-	-	-	-	-	-	-	-	-
2	Uxbridge - - - -	6178	5329	2	1	-	-	-	-	-	-	-	-	-	-	-
3	Hayes *WL* - - - -	14587	10497	3	5	1	1	-	-	1	-	1	-	-	1	1
125 : 1	Isleworth *W* - - -	7008	19930	15	9	-	3	-	-	-	-	-	-	-	-	-
2	Twickenham - - -	2477	10533	6	1	-	-	-	-	-	-	-	-	-	-	-
3	Brentford *HL* - - -	4370	20279	11	6	1	3	-	-	-	-	-	-	-	1	1
4	Chiswick - - - -	1311	8508	8	6	3	-	-	-	-	-	2	1	-	-	-
5	Acton *WH* - - - -	6087	12683	8	-	-	-	-	-	-	-	-	-	-	-	-
126 : 1	Harrow *H* - - - -	13809	10869	8	2	-	-	-	-	-	-	-	-	-	-	-
2	Edgware *H* - - -	6994	3450	2	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	21	10	4	2	-	1	-	-	3	-	-	1	1
4	Hendon *WH* - - -	8382	6972	8	2	1	-	-	-	-	-	-	-	-	-	-
127 : 1	South Mimms - - -	15419	5924	5	2	-	1	-	-	-	-	-	-	-	-	-
2	Barnet *W* - - - -	5423	7752	4	2	-	1	1	-	-	-	-	-	-	-	-
3	Finchley *L* - - - -	4688	11493	16	9	1	-	-	-	-	-	-	-	-	-	-
128 : 1	Hornsey *H* - - -	3039	19357	21	16	5	1	-	-	-	-	7	1	-	-	1
2	Tottenham *H* - - -	4642	22869	9	4	2	1	-	-	-	-	-	-	-	1	2
3	Edmonton *WW* - - -	7483	13860	15	6	1	4	-	-	-	-	-	-	-	-	-
4	Enfield *WH* - - -	12653	16054	2	4	-	1	-	-	-	-	-	-	-	-	-
5	Waltham Abbey - - -	11017	5197	3	1	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	3	1	-	1	-	-	-	-	-	-	-	-	-
134 : 1	Hatfield (*part of*) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	-	1	-	1	-	-	-	-	-	-	-	1	1
185 : 1	Stratford - - - -	882	23286	26	12	3	3	-	-	2	-	3	-	-	-	-
2	West Ham *WWWW* - -	7345	44642	71	32	8	2	3	1	-	-	4	-	-	-	1
3	Leyton *WW* - - -	4274	15513	26	7	3	2	-	-	-	-	-	-	-	-	-
4	Walthamstow *H* - -	6619	15701	12	4	-	-	-	-	-	1	-	-	-	-	-
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	8	3	1	1	1	-	-	-	-	-	-	-	-
188 :	Romford (*part of*) * - -	6730	2879	4	3	1	1	-	-	-	-	-	-	-	-	-
2	Ilford - - - - -	8492	5947	11	5	-	2	-	-	-	-	2	-	-	-	-
3	Barking Town - - -	4128	6576	3	3	-	2	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follo 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Gods sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, excep two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoidon (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 8th June 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Deaths in Public Institutions.
EATER LONDON	446,494	4,450,015	20·1	3·8	1712	402	326	47	21	30	17	159	24	26	65	320
NNER LONDON -	78,080	3,577,304	21·6	4·2	1481	353	276	42	18	27	16	135	22	25	59	283
UTER RING -	368,414	872,711	13·8	2·3	231	49	50	5	3	3	1	24	2	1	6	37

TE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal 7·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area 8,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, hich 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than iles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,759,796 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	May	4	–	309	37·5	Small-pox 73; cholera 58.
BOMBAY - -	644,405	„	7	–	557	44·9	Small-pox 23; cholera 61; fevers 235.
MADRAS - -	397,552	April	12	246	322	42·1	Fevers 99; dysentery 44.
PARIS - - -	1,988,806	June	6	–	1091	24·9	Diphtheria 36; measles 20.
GENEVA - -	68,792	„	1	36	28	21·2	—
BRUSSELS - -	175,782	May	25	123	90	26·7	—
AMSTERDAM -	302,266	„	25	214	142	24·4	Measles 5; whooping-cough 4.
ROTTERDAM -	142,585	„	25	106	69	25·1	—
THE HAGUE -	107,896	„	25	61	57	27·4	—
COPENHAGEN -	220,000	„	28	149	85	20·2	—
STOCKHOLM -	146,845	„	25	–	80	27·2	Typhoid fever 2; scarlet fever 2.
CHRISTIANIA -	105,000	June	1	72	31	15·1	Scarlet fever 2.
ST. PETERSBURGH	669,741*	May	25	–	749	58·1*	Small-pox 12; typhus and typhoid fever 130.
BERLIN - -	1,019,620	„	18	809	644	32·5	Scarlet fever 21; diphtheria 19.
HAMBURG (State)	406,604	„	25	303	150	19·3	Diphtheria and croup 5; whooping-cough 5.
DRESDEN - -	207,845	„	25	175	105	26·3	Scarlet fever 2; diphtheria and croup 3.
BRESLAU - -	267,000	June	1	204	167	32·5	Fevers 2.
MUNICH - -	222,000	„	1	183	150	35·0	Diphtheria and croup 10.
VIENNA - -	727,271	„	1	534	466	33·3	Small-pox 10; diphtheria 13.
BUDA-PESTH -	319,530	May	25	274	277	45·1	Small-pox 5; scarlet fev. 9; diphtheria 9.
ROME - - -	282,214	„	11	–	–	–	—
NAPLES - -	457,407	April	29	–	291	33·2	Typhus and typhoid fever 9.
TURIN - -	227,843	May	25	139	113	25·9	Typhus and typhoid fever 9.
VENICE - -	139,796	„	25	66	56	20·9	—
ALEXANDRIA -	212,034	„	23	174	165	40·6	Whooping-cough 5.
NEW YORK -	1,084,528	„	11	–	455	21·8	Scarlet fever 17; diphtheria 19.
BROOKLYN -	549,438	„	11	–	–	–	—
PHILADELPHIA	876,118	„	18	–	279	16·6	Scarlet fever 11; diphtheria 8.
BOSTON - -	363,000	„	11	–	–	–	—

* The rate of mortality in St. Petersburgh is calculated on the population enumerated at the last Census in 1869, and is thus probably overstated, as the population of the city is said to have increased in a remarkable manner since that date.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 8th JUNE, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Difference. Between Dew Point Temperature and Air Temperature. Greatest.	Difference. Between Dew Point Temperature and Air Temperature. Least.	Difference. Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. Osler's. General Direction. P.M.	Wind. Osler's. Pressure on square foot. Greatest.	Wind. Osler's. Pressure on square foot. Least.	Wind. Osler's. Pressure on square foot. Mean of 24 Obs.	Wind. Robinson's. Amount of Horizontal Movement of Air each day.	Wind. Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
JUNE.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN.	2	Greatest Dec. N.	29·846	64·9	40·7	24·2	52·5	44·7	122·8	38·0	58·8	56·3	7·8	15·3	0·0	− 4·2	75	E. & SE.	E. & ESE.	1·5	0·0	0·1	146	− 93	0·00	2·2
MON.	3	..	29·760	69·2	50·7	18·5	58·0	52·9	109·0	49·6	58·8	56·3	5·1	16·7	0·0	+ 1·1	83	ESE. E. & Calm.	WSW. & SW.	0·7	0·0	0·0	83	−152	0·03	7·3
TUES.	4	..	29·611	70·2	51·8	18·4	59·0	52·7	132·6	51·2	59·1	56·8	6·3	15·5	1·4	+ 1·9	80	S.SW.&WSW.	WSW.	6·3	0·0	1·0	338	+105	0·30	6·0
WED.	5	..	29·928	59·3	46·9	12·4	51·5	48·3	89·3	45·0	59·5	57·3	3·2	10·1	0·0	− 5·8	89	W. NNW.&N.	Calm & S.	3·7	0·0	0·2	151	− 86	0·07	1·5
THURS.	6	..	30·051	69·2	44·8	24·4	56·8	48·1	115·6	43·0	59·5	57·3	8·7	19·6	0·0	− 0·7	73	S.WSW.&NW.	NW. & WSW.	0·5	0·0	0·0	120	−118	0·00	0·0
FRI.	7	..	29·944	70·9	49·6	21·3	59·5	52·1	125·8	43·9	60·3	57·8	7·4	14·8	0·0	+ 1·9	76	WSW. & SW.	SW. & SE.	0·5	0·0	0·0	139	−101	0·00	6·5
SAT.	8	First Qr. In Equator	29·541	72·4	52·5	19·9	62·2	53·8	121·8	47·1	61·3	59·1	8·4	16·9	3·0	+ 4·5	74	SE.	SE. W. & SW.	0·6	0·0	0·0	157	− 91	0·40	8·8
MEANS		..	29·812	68·0	48·1	19·9	57·1	50·4	116·7	45·4	59·6	57·3	6·7	15·6	0·6	− 0·2	79	Variable.		..	..	..	Sum 1134	Sum −536	Sum 0·80	4·6
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. JUNE.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY	2	The electrical apparatus was not in action throughout the week.	3·7	16·3	Fine. Generally cloudy.
MONDAY	3		1·9	16·3	Rain fell in early morning; very gloomy at times till noon. Cloudy throughout.
TUESDAY	4		6·1	16·3	Variable. Rain fell very heavily in the early morning, and occasional showers fell in the afternoon and evening.
WEDNESDAY	5		0·0	16·4	Overcast and showery till evening; very gloomy in afternoon; partially clear at night.
THURSDAY	6		7·2	16·4	Fine with little cloud till evening; cloudy at night.
FRIDAY	7		3·1	16·4	Fine. Generally cloudy.
SATURDAY	8		3·3	16·4	Cloudy. Thunderstorm between 4h. P.M. and 5h. P.M.
..		..	Sum 25·3	Sum 114·5	
No. of Col.		28	29	30	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and − "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29·90 in. at the beginning of the week to 29·59 in. by 3h. P.M. on the 4th; increased to 30·06 in. by noon on the 6th; and decreased to 29·46 in. by the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

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General Register Office, Somerset House,
17th June, 1878.

United Kingdom.

During last week 5330 *births* and 3272 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality from all causes was at the average rate of 20 deaths annually in every 1000 persons living. The annual death-rate was 22 per 1000 in Edinburgh, 27 in Glasgow, and 26 in Dublin ; small-pox caused 18 deaths in Dublin against 15 and 19 in the two previous weeks.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Leicester 11, Oldham 12, Brighton 14, Plymouth 15, Portsmouth 16, Bristol 16, Norwich 17, Leeds 17, Nottingham 18, Sheffield 19, London 19, Hull 21, Birmingham 22, Salford 22, Manchester 23, Newcastle 23, Bradford 23, Wolverhampton 23, Liverpool 25, and the highest rate 27 in Sunderland. The annual death-rate from the seven principal zymotic diseases averaged 3·1 per 1000 in the twenty towns, and ranged from 0·9 and 1·1 in Nottingham and Hull, to 4·7 and 7·4 in Liverpool and Sunderland. The fatal cases of scarlet fever in Sheffield, which had been 18 and 21 in the two previous weeks, were 13 last week. Measles, scarlet fever, and whooping-cough caused the high zymotic death rate in Sunderland. In London and its suburban districts, 28 fatal cases of small-pox were registered, whereas no death was referred to this disease in any of the nineteen large provincial towns.

London.

In London 2120 births and 1300 deaths were registered. Allowing for increase of population, the births were 195, and the deaths 40, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the three previous weeks had been equal to 20·1, 20·7, and 21·6 per 1000, declined last week to 19·0.

The 1300 deaths included 24 from small-pox, 20 from measles, 24 from scarlet fever, 8 from diphtheria, 101 from whooping-cough, 22 from different forms of fever, and 21 from diarrhœa; thus to the seven principal diseases of the zymotic class 220 deaths were referred, against 276 and 285 in the two preceding weeks. These 220 deaths were 18 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 3·2 per 1000. The fatal cases of whooping-cough, which had been 152 and 135 in the two previous weeks, further declined to 101 last week, but exceeded the corrected weekly average by 50 ; the disease showed excessive fatality in Kensington, Islington, Shoreditch, Stepney, and Deptford. The mortality from measles and scarlet fever continues low; in Islington, however, 5 deaths were referred to measles, and 4 to scarlet fever. The fatal cases of diphtheria further declined to 8 from 20, 17, and 16 in the three preceding weeks ; 3 occurred in Southwark, and one in Hampstead. The 22 deaths referred to fever corresponded with the number in the previous week, and were 8 below the corrected average; 2 fatal cases were certfied as typhus, 14 as enteric or typhoid, and 6 as simple continued fever. One of the fatal cases of typhus occurred at 37, St. George's Road, Kensington, and was attended by an unregistered practitioner ; the other case was recorded in the Stockwell Fever Hospital. The 21 deaths from diarrhœa, of which 16 were of infants under one year of age, showed a decline of 4 from the number in the previous week.

The deaths from small-pox, which had been 40 and 42 in the two preceding weeks, declined to 24 last week, and were fewer than in any week since the middle

of November last; 11 occurred in the Metropolitan Asylum Hospitals, and 13 in private dwelling-houses. Three of the deceased small-pox patients had resided in Fulham, 2 in Pancras, 3 in Bethnal Green, and 5 in Deptford. Five fatal cases of small-pox were recorded in private dwelling-houses in St. Paul, Deptford, registration sub-district. Of the 24 fatal cases of small-pox, 9 were certified as unvaccinated, and 7 as vaccinated; in the remaining 8 cases (of which 7 occurred in private practice) the certifying medical practitioners omitted to give any information as to vaccination. The death of an unvaccinated infant aged 8 months was referred to small-pox in Islington; the infant had been certified as unfit for vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which was 854 on 20th April last, has since steadily declined to 529 on Saturday last; the number of new cases admitted to these hospitals, which had been 170, 126, 108, and 84 in the four preceding weeks, rose again to 100 last week. The Highgate Small-pox Hospital contained 38 patients on Saturday last, against 48 and 43 on the two preceding Saturdays; 8 new cases were admitted during the week.

The deaths referred to diseases of the respiratory organs, which had steadily increased from 199 to 270 in the four preceding weeks, declined again to 200 last week, but exceeded the corrected average weekly number by 6; 121 resulted from bronchitis, and 54 from pneumonia.

The daughter of a livery stable-keeper at Hampton Court, aged seven years, died of hydrophobia in St. Thomas' Hospital on 10th instant.

Different forms of violence caused 49 deaths; 40 were the result of negligence or accident, including 15 from fractures and contusions, 3 from burns and scalds, 7 from drowning, and 13 of infants under one year of age from suffocation. The 15 deaths from fractures and contusions were thus caused:—males aged 5 and 68, run over by vans; male 78, run over by wagon; female 77, run over (nature of vehicle not stated); males 11 and 12, run over by trains; males 33 and 34, fell from scaffolds; male 39, fell from ladder; female 60, fell down stairs; male 33, fell at Holborn Viaduct Railway Station; male 63, fell from bed; male 20, by blow or fall; male 59, fractured rib; male 68, contused side and hip. An inquest was held in each of these cases except the last two, which were certified by registered medical practitioners.

Greater London.

In the Greater London 2606 births and 1534 deaths were registered, equal to annual rates of 30·6 and 18·0 per 1000 of the population. In the Outer Ring, 2 fatal cases of small-pox were registered in West Ham, one in Stratford, and one in Bromley registration sub-districts.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 43, Bombay 44; Paris 23; Geneva 28; Brussels 25; Amsterdam 22, Rotterdam 28, The Hague 24; Copenhagen 17; Stockholm 22; Christiania 20; St. Petersburgh 51; Berlin 31, Hamburg 26, Dresden 25, Breslau 28, Munich 31; Vienna 34, Buda-Pesth 42; Naples 31, Turin 30, Venice 29; Alexandria 44; New York 23, Brooklyn 14, and Philadelphia 15. The 657 deaths in St. Petersburgh included 137 from fever, and 27 from small-pox.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·57 in.; the lowest reading was 29·37 in. on Tuesday evening, and the highest 29·73 in. on Friday evening. The mean temperature of the *air* was 55°·7, and 2°·8 below the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean on Sunday 9th instant, was 58°·1 and 0°·2 above the average, whereas it showed a deficiency on each of the other days of the week; the coldest day was Saturday, when the mean was only 51°·6, and was 7°·4 below the average. The lowest night temperature was 44°·6 on Saturday, and the highest day temperature in the shade 71°·1 on Thursday; the extreme range in the week was, therefore, 26°·5. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 135°·6 on Thursday. The difference between the mean *dew-point* and *air* temperature averaged 7°·2. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 60°·6. The mean degree of *humidity* of the air was 77, complete saturation being represented by 100; the air was therefore of its average dryness. The direction of the *wind* was south-west and north-east, and the horizontal movement of the air averaged 14·8 miles per hour, which was 3·8 above the average in the corresponding week of 16 years. *Rain* fell on six days of the week, to the aggregate amount of 1·28 inches. The duration of registered sunshine in the week was 39·8 hours, the sun being above the horizon during 115·4 hours; the recorded duration of sunshine was, therefore, equal to 34 per cent. of its possible duration.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 15th June, 1878.

CITIES AND BOROUGHS. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 15th June, 1878.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
In 23 TOWNS in the UNITED KINGDOM	220,845	8,373,953	37·9	5330	3272	75·0	37·9	54·3	12·39	1·29	3·28
LONDON - - -	75,362	3,577,304	47·5	2120	1300	71·1	44·6	55·7	13·17	1·28	3·27
BRIGHTON - -	2,354	103,923	44·1	61	27	67·6	44·2	56·7	13·72	0·31	0·79
PORTSMOUTH - -	4,486	129,461	28·9	82	39	64·5	51·0	56·1	13·39	0·35	0·89
NORWICH - - -	7,472	84,620	11·3	44	27	70·2	44·0	55·3	12·95	0·33	0·84
PLYMOUTH - -	1,395	73,599	52·8	48	21	65·5	50·5	56·0	13·33	1·65	4·19
BRISTOL - - -	4,452	206,419	46·4	120	64	69·0	41·4	54·8	12·67	1·10	2·79
WOLVERHAMPTON -	3,396	74,240	21·9	61	33	70·4	41·5	52·4	11·33	1·27	3·23
BIRMINGHAM - -	8,400	383,117	45·6	267	161	–	–	–	–	–	–
LEICESTER - -	3,200	121,473	38·0	80	26	–	–	–	–	–	–
NOTTINGHAM - -	9,960	165,267	16·6	105	56	72·5	43·5	53·7	12·06	0·80	2·03
LIVERPOOL - -	5,210	532,681	102·2	341	257	63·8	46·4	52·6	11·45	1·55	3·94
MANCHESTER - -	4,293	360,514	84·0	207	157	–	–	–	–	–	–
SALFORD - - -	5,170	170,251	32·9	109	72	64·7	37·9	51·3	10·73	2·23	5·66
OLDHAM - - -	4,666	107,366	23·0	52	25	–	–	–	–	–	–
BRADFORD - -	7,220	185,088	25·6	129	82	67·0	44·2	52·9	11·61	1·90	4·83
LEEDS - - -	21,572	304,948	14·1	221	100	70·0	45·0	53·7	12·06	2·19	5·56
SHEFFIELD - -	19,651	289,537	14·7	198	105	64·5	43·0	51·1	10·62	0·99	2·51
HULL - - -	3,635	143,139	39·4	98	58	–	–	–	–	–	–
SUNDERLAND - -	3,306	112,459	34·0	73	58	75·0	45·0	54·3	12·39	1·11	2·82
NEWCASTLE-ON-TYNE	5,371	144,570	26·9	94	63	–	–	–	–	–	–
EDINBURGH - -	4,191	222,371	53·1	163	95	–	–	–	–	–	–
GLASGOW - - -	6,033	566,940	94·0	478	290	65·0	46·5	54·9	12·72	0·89	2·26
DUBLIN - - -	10,050	314,666	31·3	179	156	69·9	45·2	56·9	13·83	2·67	6·78

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.
† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday the 15th June, 1878.

BOROUGHS, &c. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
				Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.		
In 20 TOWNS -	19·6	3·1	2731	706	479	24	51	87	13	155	46	54	104	156	400
LONDON - - -	19·0	3·2	1300	341	245	24	20	24	8	101	22	21	49	76	236
BRIGHTON - -	13·6	1·5	27	7	11	–	1	–	1	1	–	–	1	3	7
PORTSMOUTH - -	15·7	2·0	39	10	6	–	1	–	–	2	1	1	–	3	2
NORWICH - - -	16·7	1·8	27	5	5	–	–	–	–	2	1	–	–	–	1
PLYMOUTH - -	14·9	4·3	21	4	4	–	2	–	–	–	2	2	–	2	3
BRISTOL - - -	16·2	2·0	64	14	16	–	1	–	–	4	1	2	2	1	10
WOLVERHAMPTON -	23·2	2·8	33	5	12	–	–	1	–	1	1	1	1	1	5
BIRMINGHAM - -	21·9	4·1	161	49	19	–	1	12	3	7	2	5	20	23	20
LEICESTER - -	11·2	2·1	26	11	1	–	2	–	–	1	–	2	–	2	–
NOTTINGHAM - -	17·7	0·9	56	13	9	–	–	–	–	2	1	–	–	2	10
LIVERPOOL - -	25·2	4·7	257	76	26	–	9	13	–	12	4	10	13	13	33
MANCHESTER - -	22·7	2·8	157	36	23	–	2	5	–	4	5	3	3	14	31
SALFORD - - -	22·1	2·8	72	18	9	–	1	4	–	2	1	1	2	3	8
OLDHAM - - -	12·1	1·9	25	6	4	–	1	3	–	–	–	–	–	–	–
BRADFORD - -	23·1	3·1	82	19	12	–	3	3	1	3	1	–	–	–	6
LEEDS - - -	17·1	1·2	100	29	19	–	2	2	–	1	1	1	1	1	3
SHEFFIELD - -	18·9	3·8	105	19	20	–	1	13	–	3	2	2	5	4	9
HULL - - -	21·1	1·1	58	13	16	–	–	–	–	1	–	2	4	4	9
SUNDERLAND - -	26·9	7·4	58	15	10	–	4	3	–	7	1	1	1	2	4
NEWCASTLE-ON-TYNE	22·7	1·8	63	16	12	–	–	4	–	1	–	–	2	2	3
DUBLIN - - -	25·9	5·1	156	28	39	18	1	–	–	7	3	2	7	10	55

Table 3. LONDON.—**Births** and **Deaths** Registered last Week, and in the Twenty-fourth Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
Total **Births**	2273	1784	1999	1908	2189	2207	2214	2321	2474	2263	2163·2	2120
Males . .	1175	949	1074	959	1103	1115	1105	1204	1255	1134	1107·3	1089
Females .	1098	835	925	949	1086	1092	1109	1117	1219	1129	1055·9	1031
Total **Deaths**	1195	1236	1292	1349	1207	1090	1242	1321	1280	1315	1252·7	1300
Males . .	645	648	680	733	617	581	644	667	658	650	652·3	662
Females .	550	588	612	616	590	509	598	654	622	665	600·4	638

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77 after raising the average by 7 per cent. for increase of population.

Table 4. LONDON.—Deaths and Meteorology in the Last Thirteen Weeks.

	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.	May 4.	May 11.	May 18.	May 25.	June 1.	Jun 8.	June 15.
Total **Deaths** - - -	1676	1766	1877	1895	1773	1661	1545	1383	1380	1381	1419	1481	1300
0—20 - -	854	899	900	954	899	876	775	709	670	707	761	773	684
20—40 - -	198	214	230	234	241	218	235	213	194	192	218	178	181
40—60 - -	283	296	346	293	279	286	240	215	258	225	212	254	190
60—80 - -	276	295	323	343	295	232	252	206	215	208	183	240	210
at 80 years & upwds.	65	62	78	71	59	49	43	40	43	49	45	36	35
Deaths of children: Under 1 year -	386	390	381	415	379	394	371	306	303	317	346	353	341
Deaths of children: 1—5 - - -	351	368	402	403	375	357	286	296	261	274	295	296	250
Deaths of children: 5—20 - -	117	141	117	136	145	125	118	107	106	116	120	124	93
Deaths from 7 principal Zymotic Diseases	277	339	319	346	323	305	295	245	259	246	276	285	220
" " Smallpox - -	42	48	55	58	80	63	60	48	48	43	40	42	24
" " Measles - -	34	35	30	40	31	38	29	33	28	14	15	18	20
" " Scarlet Fever -	22	47	42	36	37	22	27	24	26	17	17	27	24
" " Diphtheria -	13	12	8	9	8	11	10	9	12	20	17	16	8
" " Whooping-cough	124	158	146	157	123	136	117	110	102	116	152	135	101
" " Typhus fever -	2	3	4	4	3	3	5	1	3	2	4	2	2
" " Enteric (or Typhoid) fever -	25	23	20	23	14	15	19	8	16	15	11	15	14
" " Simple Cont^d fever	2	2	5	5	9	6	5	5	3	3	–	5	6
" " Diarrhœa - -	13	11	9	14	18	11	23	7	21	16	20	25	21
" " Simple Cholera -	1	–	–	1	–	–	1	–	–	–	–	–	–
" " Dis. of Respiratory Organs -	402	421	474	497	398	345	284	225	199	204	206	270	200
" " Phthisis - -	154	169	208	182	188	174	189	139	171	151	208	162	169
" " Heart Diseases -	89	118	111	106	88	71	70	74	79	77	69	91	71
Violent Deaths - - -	53	57	39	49	75	64	60	66	75	59	55	59	49
Inquest Cases - - -	98	118	102	99	124	100	101	96	109	85	92	94	76
Deaths in Public Institutions	333	334	358	333	360	334	307	264	274	298	280	283	236
Temperature of the Air:													
Mean - - - -	43°·3	35°·5	40°·4	46°·0	51°·5	51°·2	55°·5	56°·7	58°·0	51°·8	52°·7	57°·1	55°·7
Mean of Highest readings -	50·5	44·6	50·3	54·1	61·0	61·6	66·5	66·6	67·6	62·2	62·4	68·0	64·6
Mean of Lowest readings -	37·3	29·1	31·8	38·0	44·4	44·0	47·0	48·3	50·7	44·2	45·5	48·1	49·1
Mean Temperature of the Water of the Thames -	45·7	44·0	41·4	44·7	50·0	53·5	55·7	58·7	60·9	59·7	58·3	58·5	60·6
Humidity of the Air - -	75	76	78	75	85	80	77	79	75	77	81	79	77
Rain-fall in inches - -	0·00	0·71	0·38	2·85	0·73	0·20	0·66	2·10	0·63	0·81	0·39	0·80	1·28
Registered Sunshine (in hours)	9·9	18·2	34·6	45·4	17·9	40·6	35·8	33·5	48·3	36·4	29·3	25·3	39·8

Meteorological Observations. (*See* Table 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich: John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-FOURTH Week of the Year 1878.

CAUSES OF DEATH.	Average in the Twenty-fourth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, June 15, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
Mean Temperature -	57·9	55·7							
ALL CAUSES - -	1252·7	1300	341	250	93	181	190	210	35
SPECIFIED CAUSES	1246·2	1297	338	250	93	181	190	210	35
I. ZYMOTIC.									
ORDER 1.									
1. Small-pox - - -	36·2	24	4	5	8	6	1	-	-
2. Measles - - -	36·7	20	1	19	-	-	-	-	-
3. Scarlet Fever - -	34·8	24	1	14	9	-	-	-	-
4. Diphtheria - -	7·5	8	-	5	3	-	-	-	-
5. Quinsy - - -	·2	-	-	-	-	-	-	-	-
6. Croup - - -	9·2	14	-	11	3	-	-	-	-
7. Whooping-cough -	47·6	101	37	63	1	-	-	-	-
8. Typhus - - -	28·0 (Enteric or Typhoid Fev.)	2	-	1	-	1	-	-	-
9. Enteric or Typhoid Fev.		14	1	2	6	3	1	1	-
10. Simple continued Fev.		6	-	1	2	-	2	1	-
11. Erysipelas - -	5·6	2	1	-	-	1	-	-	-
12. Puerperal Fev. (Metria)	5·0	4	-	-	-	4	-	-	-
13. Carbuncle - -	·4	-	-	-	-	-	-	-	-
14. Influenza - - -	·4	-	-	-	-	-	-	-	-
15. Dysentery - -	1·8	-	-	-	-	-	-	-	-
16. Diarrhœa - - -	31·5	21	16	4	-	-	1	-	-
17. Simple Cholera - -	·9	-	-	-	-	-	-	-	-
18. Ague - - - -	·7	-	-	-	-	-	-	-	-
19. Remittent Fever -	·3	-	-	-	-	-	-	-	-
20. Rheumatism - -	7·1	6	-	-	-	2	1	3	-
21. Other *Zymotic* Diseases	·6	-	-	-	-	-	-	-	-
ORDER 2.									
1. Syphilis - - -	7·5	8	6	1	-	-	1	-	-
2. Stricture of Urethra -	1·3	3	-	-	-	1	2	-	-
3. Hydrophobia - -	-	1	-	-	1	-	-	-	-
4. Glanders - - -	·1	-	-	-	-	-	-	-	-
ORDER 3.									
1. Privation - - -	·4	1	-	-	-	1	-	-	-
2. Want of Breast-milk	8·3	7	7	-	-	-	-	-	-
3. Purpura and Scurvy -	1·4	1	1	-	-	-	-	-	-
4. Alcoholism { *a* Del. Tremens	1·9	-	-	-	-	-	-	-	-
{ *b* Intemperance	1·3	1	-	-	-	1	-	-	-
ORDER 4.									
1. Thrush - - -	1·5	3	3	-	-	-	-	-	-
2. Worms, &c. - -	·2	-	-	-	-	-	-	-	-
II. CONSTITUTIONAL.									
ORDER 1.									
1. Gout - - - -	2·0	2	-	-	-	-	-	2	-
2. Dropsy - - -	9·8	9	1	-	1	-	3	4	-
3. Cancer - - -	32·9	28	-	-	1	1	9	16	1
4. Cancrum Oris (Noma)	·5	-	-	-	-	-	-	-	-
5. Mortification - -	3·4	3	-	-	-	-	-	-	3
ORDER 2.									
1. Scrofula - - -	10·4	15	6	3	4	1	-	1	-
2. Tabes Mesenterica -	20·6	16	11	3	1	1	-	-	-
3. Phthisis - - -	163·2	169	1	6	17	84	52	9	-
4. Hydrocephalus - -	30·2	35	10	23	2	-	-	-	-
III. LOCAL.									
ORDER 1.									
1. Cephalitis - - -	21·8	31	9	10	6	2	3	1	-
2. Apoplexy - - -	37·8	41	-	2	-	4	14	20	1
3. Paralysis - - -	26·6	14	-	-	-	-	3	11	-
4. Insanity - - -	2·6	2	-	-	-	-	1	1	-
5. Chorea - - -	·4	1	-	1	-	-	-	-	-
6. Epilepsy - - -	7·1	9	-	1	-	4	2	1	1
7. Convulsions - -	45·4	42	35	7	-	-	-	-	-
8. *Brain Disease, &c.* -	16·3	21	2	3	1	2	4	9	-
ORDER 2.									
1. Pericarditis - -	2·9	2	1	-	-	1	-	-	-
2. Aneurism - - -	2·8	1	-	-	-	-	1	-	-
3. *Heart Disease, &c.* -	63·5	68	1	-	6	10	23	26	2
ORDER 3.									
1. Laryngitis - - -	5·6	3	3	-	-	-	-	-	-
2. Bronchitis - - -	89·6	121	41	22	1	1	16	34	6
3. Pleurisy - - -	4·7	3	-	-	1	2	-	-	-
4. Pneumonia - -	63·1	54	16	18	3	7	5	5	-
5. Asthma - - -	6·3	6	-	-	-	2	2	2	-
6. *Lung Disease, &c.* -	11·6	13	6	3	1	2	-	1	-
ORDER 4.									
1. Gastritis - - -	1·8	2	-	-	-	1	-	1	-
2. Enteritis - - -	5·9	9	3	1	2	1	1	1	-
3. Peritonitis - - -	4·9	4	-	-	-	3	-	1	-
4. Ascites - - -	1·4	1	-	1	-	-	-	-	-
5. Ulceration of Intestines	3·6	5	-	-	1	2	2	-	-
6. Hernia - - -	2·7	3	1	-	-	-	-	2	-
7. Ileus - - - -	3·5	6	1	1	-	-	2	2	-
8. Intussusception -	1·1	4	3	-	-	1	-	-	-
9. Stricture of Intestines	1·2	4	-	-	-	-	1	3	-
10. Fistula - - -	·9	-	-	-	-	-	-	-	-
11. *Stomach Disease, &c.* -	5·6	6	1	1	-	-	3	1	-
12. *Pancreas Disease, &c.*	—	-	-	-	-	-	-	-	-
13. Hepatitis - - -	3·5	3	-	-	-	-	1	2	-
14. Jaundice - - -	4·0	4	1	1	-	-	1	1	-
15. *Liver Disease, &c.* -	19·9	23	1	1	-	5	9	7	-
16. *Spleen Disease, &c.* -	—	-	-	-	-	-	-	-	-
ORDER 5.									
1. Nephritis - - -	2·2	1	-	-	1	-	-	-	-
2. Ischuria - - -	·2	1	-	-	-	1	-	-	-
3. Bright's Dis. (Nephria)	11·7	15	-	1	1	1	6	5	1
4. Diabetes - - -	1·8	3	-	-	1	-	2	-	-
5. Calculus (Stone) -	1·2	1	-	-	1	-	-	-	-
6. Cystitis - - -	1·1	2	-	-	-	-	1	1	-
7. *Kidney Disease, &c.* -	6·2	11	-	-	1	2	6	2	-
ORDER 6.									
1. Ovarian Dropsy -	·8	2	-	-	-	1	-	1	-
2. *Uterus Disease, &c.* -	3·5	2	-	-	-	-	-	1	1
ORDER 7.									
1. Synovitis (Arthritis)	·4	-	-	-	-	-	-	-	-
2. *Joint Disease, &c.* -	7·1	7	-	2	2	1	1	1	-
ORDER 8.									
1. Phlegmon - - -	2·4	3	1	-	1	1	-	-	-
2. Ulcer - - -	·5	1	-	-	-	-	-	1	-
3. *Skin Disease, &c.* -	1·3	-	-	-	-	-	-	-	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth -	20·7	34	34	-	-	-	-	-	-
2. Cyanosis - - -	1·9	2	2	-	-	-	-	-	-
3. Spina Bifida - -	·9	1	1	-	-	-	-	-	-
4. Other Malformations	1·5	6	6	-	-	-	-	-	-
5. Teething - - -	12·9	11	6	5	-	-	-	-	-
ORDER 2.									
1. Paramenia - - -	·2	-	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever) - -	5·9	4	-	-	-	3	1	-	-
ORDER 3.									
1. Old Age - - -	36·4	33	-	-	-	-	-	16	17
ORDER 4.									
1. Atrophy and Debility	55·0	54	41	6	-	2	1	4	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	16·8	15	-	-	3	5	1	6	-
2. Wounds { Gunshot	·7	-	-	-	-	-	-	-	-
{ Cut, Stab		-	-	-	-	-	-	-	-
3. Burns and Scalds -	3·6	3	-	1	-	1	1	-	-
4. Poison - - -	1·3	1	-	-	-	-	-	1	-
5. Drowning - - -	8·3	7	-	1	1	4	-	1	-
6. Suffocation - -	8·2	14	13	-	-	-	-	-	1
7. Otherwise - - -	3·3	-	-	-	-	-	-	-	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	2·5	2	2	-	-	-	-	-	-
ORDER 4. SUICIDE.)									
1 Wounds { Gunshot -	·6	2	-	-	-	-	2	-	-
{ Cut, Stab -	1·2	-	-	-	-	-	-	-	-
2. Poison - - -	·8	2	-	-	-	2	-	-	-
3. Drowning - - -	1·5	1	-	-	-	-	1	-	-
4. Hanging - - -	1·4	2	-	-	-	-	-	1	1
5. Otherwise - - -	·7	-	-	-	-	-	-	-	-
ORDER 5. (EXECUTION.)									
1. Hanging - - -	-	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - -	1·0	-	-	-	-	-	-	-	-
Causes not specified or ill-defined - - -	5·5	3	3	-	-	-	-	-	-

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARL
during the Week endi

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The Deaths registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public
LONDON	3,254,260	2120	1300	341	245	24	20	24	8	101	2	14	6	21	49	76	2
WEST DISTRICTS	561,359	302	214	63	33	7	3	5	2	17	1	2	-	6	7	15	3
NORTH DISTRICTS	751,729	505	305	86	68	4	6	10	1	17	-	3	2	4	9	15	5
CENTRAL DISTRICTS	334,369	139	123	34	18	-	4	4	1	13	-	1	1	3	3	3	3
EAST DISTRICTS	639,111	445	258	61	54	2	1	3	-	25	-	4	-	3	12	21	5
SOUTH DISTRICTS	967,692	729	400	97	72	11	6	2	4	29	1	4	3	5	18	22	6
WEST DISTRICTS.																	
St. Mary Paddington *WH*	58728	36	18	2	3	-	1	-	1	1	-	-	-	-	1	1	
St. John Paddington *H*	38085	10	16	4	4	-	-	-	-	-	-	-	-	-	1	1	
Kensington Town *W*	91645	55	40	9	8	-	1	2	1	6	1	1	-	2	1	3	
Brompton *H*	28654	23	4	2	-	-	-	-	-	-	-	-	-	2	-	-	
St. Peter Hammersmith	6662	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
St. Paul Hammersmith *H*	36029	33	20	7	2	-	-	1	-	1	-	-	-	-	1	3	
Fulham *WwH*	23350	17	23	7	2	4	-	-	-	2	-	-	-	-	-	1	
Chelsea South *HHH*	26420	7	10	5	1	1	-	-	-	-	-	-	-	-	2	3	
Chelsea North-west *WHHHH*	22926	11	15	4	4	-	-	1	-	-	-	-	-	-	-	1	
Chelsea North-east	21392	15	5	1	1	-	-	1	-	-	-	-	-	1	-	-	
Hanover Square *H*	18698	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
May Fair *WW*	13358	8	6	2	2	1	-	-	-	1	-	-	-	-	-	-	
Belgrave *HH*	57972	29	23	6	4	1	-	-	-	4	-	-	-	1	1	1	
St. John Westminster *HH*	38478	23	9	6	-	-	-	-	-	-	-	1	-	-	-	1	
St. Margaret Westminster *WH*	27781	10	12	5	-	-	-	-	-	2	-	-	-	-	-	-	
Golden Square *WH*	12860	1	5	1	2	-	1	-	-	-	-	-	-	-	-	-	
Berwick-street *H*	20759	9	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
St. Anne Soho *HHHHH*	17562	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
NORTH DISTRICTS.																	
All Souls Marylebone *HHHH*	28579	13	12	4	1	-	-	-	-	-	-	1	-	-	1	2	
Cavendish Square *HH*	15425	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rectory Marylebone *WH*	26384	14	17	1	9	-	-	1	-	-	-	-	-	-	-	-	12
St. Mary Marylebone *HHH*	21786	19	4	3	1	-	-	-	-	-	-	-	-	-	-	-	
Christchurch Marylebone *H*	33944	12	16	5	4	-	-	1	-	1	-	-	-	-	-	1	
St. John Marylebone *H*	33136	24	13	7	3	-	-	-	-	1	-	-	-	1	-	-	
Hampstead *WwHH*	32281	11	17	2	3	3	-	-	1	-	-	-	-	-	-	-	6
Regent's Park Pancras	38200	20	6	1	1	-	-	-	-	1	-	-	-	-	-	-	
Tottenham-court *wHHH*	29370	11	18	2	6	-	-	-	-	-	-	-	-	-	1	2	3
Gray's Inn Lane *HHH*	29221	16	12	5	1	-	-	1	-	1	-	-	-	-	-	1	
Somers Town	38533	14	11	2	2	-	-	-	-	1	-	-	-	1	-	-	
Camden Town *WH*	17943	14	6	2	3	-	-	-	-	-	-	-	-	-	1	2	3
Kentish Town *w*	68198	53	21	2	6	-	-	1	-	2	-	-	-	1	-	-	3
Islington West *HHH*	97820	81	37	17	4	-	2	4	-	2	-	1	-	1	1	1	1
Islington East *WwwH*	115958	86	55	22	10	1	3	-	-	4	-	-	2	-	2	2	4
Stoke Newington *H*	9841	13	7	-	3	-	-	1	-	-	-	-	-	-	-	-	
Stamford Hill	6598	8	3	-	-	-	1	-	-	-	-	-	-	-	1	1	
West Hackney	28069	31	14	3	4	-	-	-	-	2	-	-	-	-	1	1	
Hackney *WwwHL*	50104	34	29	5	6	-	-	1	-	2	-	1	-	-	-	-	8
South Hackney	30339	27	6	3	1	-	-	-	-	-	-	-	-	-	1	2	
CENTRAL DISTRICTS.																	
St. George Bloomsbury	17853	5	9	5	-	-	-	-	-	1	-	-	-	1	-	-	
St. Giles South *WH*	19109	23	8	4	2	-	-	-	-	1	-	-	-	-	-	-	4
St. Giles North	16594	7	2	1	-	-	-	-	-	1	-	-	-	-	-	-	
Long Acre	11379	8	8	3	-	-	1	1	-	1	-	1	-	-	1	1	
Charing Cross *HH*	9859	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1
St. Mary-le-Strand	9378	1	1	-	-	-	1	-	-	-	-	-	-	-	-	-	
St. Clement Danes *H*	10723	3	10	1	3	-	-	-	-	-	-	-	-	-	-	-	5
St. George-the-Martyr *HHHHH*	20521	6	14	1	2	-	-	-	1	-	-	-	-	-	-	-	10
St. Andrew Eastern *W*	13529	3	5	1	2	-	-	-	-	1	-	-	-	1	-	-	3
Saffron Hill *H*	9066	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. James Clerkenwell *W*	18917	18	5	2	-	-	-	-	-	-	-	-	-	-	-	-	
Amwell Clerkenwell	16884	11	7	2	2	-	-	-	-	-	-	-	-	-	-	-	
Pentonville	13337	5	3	1	1	-	-	1	-	-	-	-	1	-	-	-	
Goswell-street	16242	8	4	2	-	-	-	-	-	3	-	-	-	-	-	-	
Old-street *H*	12161	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	
City-road *HHL*	18301	20	12	6	-	-	2	1	-	2	-	-	-	1	-	-	
Whitecross-street	13792	1	4	-	-	-	-	-	-	1	-	-	-	-	-	-	
Finsbury	10741	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	
St. Botolph East London *H*	14540	9	5	1	1	-	-	-	-	-	-	-	-	-	-	-	
Cripplegate	13638	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Sepulchre *H*	7562	1	8	-	3	-	-	-	-	-	-	-	-	-	1	1	8
St. Bride *W*	11185	1	4	-	1	-	-	1	-	-	-	-	-	-	-	-	1
Castle Baynard	4426	-	2	-	-	-	-	-	-	-	-	-	-	-	1	1	
Christchurch	6270	-	1	1	-	-	-	-	-	1	-	-	-	-	-	-	
Queenhithe	4753	1	4	1	1	-	-	-	-	1	-	-	-	-	-	-	
Allhallows Barking	5764	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Broad Street *H*	7845	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: *W*—Workhouse *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see not at the foot of next page.

ER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT rday, 15th June 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
well Shoreditch	12430	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
eonard Shoreditch *HL*†	16545	11	5	2	-	-	-	-	-	1	-	-	-	-	-	-	-
ton New Town *w*	27835	17	12	-	8	-	-	-	-	1	-	-	-	-	1	1	6
ton Old Town	26933	34	9	2	-	-	-	-	-	1	-	-	-	-	-	-	-
gerston *WH*	43421	35	22	11	5	-	-	1	-	3	-	1	-	-	1	1	4
kney-road *H*	29822	12	10	3	1	1	-	-	-	2	-	-	-	-	1	1	1
n, Bethnal Green *WHL*†	42433	26	22	4	6	-	-	1	-	2	-	-	-	-	1	1	-
rch, Bethnal Green	26577	14	9	3	-	-	-	1	-	-	-	-	-	-	1	1	6
n, Bethnal Green	21272	15	7	4	1	-	-	-	-	-	-	-	-	-	1	3	-
alfields *H*	22499	15	5	-	1	-	-	-	-	-	-	-	-	-	1	1	1
End New Town *W*	15550	11	5	1	-	-	-	-	-	1	-	-	-	1	-	1	1
techapel North	11597	8	5	1	1	-	-	-	-	-	-	-	-	-	..	-	-
techapel Church *H*	7322	1	12	-	3	-	-	-	-	-	-	1	-	-	1	1	11
dman's Fields	10381	5	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
gate	9224	5	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Mary St. George East	17900	7	2	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Paul St. George East	21350	10	4	-	1	-	-	-	-	1	-	-	-	1	-	-	-
John St. George East *W*	8802	2	5	-	3	-	-	-	-	-	-	-	-	-	-	-	4
lwell *H*	11640	2	6	2	1	-	-	-	-	3	-	-	-	-	-	1	1
lliff	16131	4	4	1	-	-	-	-	-	2	-	-	-	-	-	-	-
ehouse	29919	20	8	-	3	-	-	-	-	-	-	1	-	-	-	-	-
End Old Town Western	38128	21	16	3	2	-	-	-	-	-	-	1	-	-	1	1	-
End Old Town Eastern *WwwH*	55024	66	18	5	3	-	-	-	-	3	-	-	-	1	-	-	5
wwwH	67765	64	46	13	11	1	-	-	-	3	-	-	-	-	2	4	13
ar *WW*	48611	38	19	3	3	-	1	-	-	1	-	-	-	-	1	4	-
SOUTH DISTRICTS.																	
stchurch Southwark *WH*	14573	10	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
aviour Southwark *H*	15677	7	6	2	1	-	-	-	-	1	-	-	-	-	1	1	-
t-road	20421	10	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ough-road *WH*	16695	4	6	-	-	-	1	-	-	2	-	-	-	-	-	-	1
don-road *HL*	18961	17	12	3	2	-	-	-	1	-	-	-	1	1	-	-	1
ity Newington	23682	21	9	4	-	-	-	-	-	2	-	-	-	1	2	3	-
Peter Walworth *W*	48248	41	23	3	6	-	-	1	-	1	-	-	-	-	-	-	7
Mary Newington	16792	10	3	1	-	-	-	-	1	1	-	-	-	-	-	-	-
lave Southwark *H*	4373	3	14	1	2	-	-	-	1	-	-	-	-	-	1	1	13
ohn Horsleydown *W*	10500	11	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-
her Market	16787	4	7	-	-	-	-	-	1	-	-	-	-	1	-	-	-
Mary Magdalen *W*	15709	13	12	3	3	-	2	-	-	-	-	-	-	-	-	-	2
ames Bermondsey	47933	30	13	5	5	-	-	-	-	1	-	-	-	-	1	1	-
erhithe *W*	27096	23	13	2	3	-	-	-	-	-	-	-	-	-	2	2	2
erloo-road 1st *H*	14074	11	6	3	1	-	-	-	-	1	-	-	-	-	-	-	-
erloo-road 2nd *H*	18465	13	4	2	1	-	-	-	-	2	-	-	-	1	-	-	-
beth Church 1st *H*	19492	15	15	3	-	-	-	-	-	-	-	-	-	-	3	4	8
beth Church 2nd *WW*	35833	20	21	5	7	-	-	-	-	1	-	-	-	-	-	1	8
nington 1st	41286	28	17	4	7	2	2	-	-	-	-	-	-	-	-	1	-
nington 2nd	31221	21	7	3	1	-	-	-	-	-	-	1	-	-	-	-	-
ton *w*	35435	41	13	3	2	-	-	1	-	-	1	1	-	-	-	-	2
wood *W*	12536	11	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ham *H*	27347	13	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-
ersea *Ww*	54016	53	36	9	5	-	-	-	-	2	-	1	-	-	4	3	2
dsworth *HL*	19783	10	4	1	-	-	-	-	-	-	-	-	-	-	-	1	-
ey	9439	11	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-
atham	14475	10	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
vich	4041	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
berwell *WL*†*L*†	31254	20	15	1	3	-	-	-	-	3	-	-	2	-	-	-	2
ham *W*	42160	47	17	6	2	-	-	-	-	-	-	-	-	-	1	2	-
eorge Camberwell	33851	22	10	3	2	-	-	-	-	2	-	-	-	-	-	-	-
aul Deptford *w*	53714	47	26	7	1	9	-	-	-	6	-	1	-	1	-	-	4
icholas Deptford	6474	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
nwich West	21034	15	6	2	1	-	-	-	-	1	-	-	-	-	1	-	-
nwich East *WH*	19378	13	12	1	3	-	-	-	-	-	-	-	-	-	2	2	8
m *H*	4539	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	16440	7	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-
sham Village *WH*	11513	16	6	4	2	-	-	-	-	1	-	-	-	-	-	-	-
nham *H*	19065	15	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-
ton *H*	9564	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
wich Dockyard	17226	16	9	5	-	-	-	-	-	1	-	-	-	-	-	-	-
wich Arsenal *WHH*	18331	11	7	2	3	-	-	-	-	1	-	-	-	-	-	-	-
stead, West	13027	8	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
stead, East *W*	15232	12	10	-	2	-	-	-	-	-	-	-	-	-	-	-	5

following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by *w*:—

ntral London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
ndon City Workhouse in Islington East sub-district.
lborn Infirmary " " "
ndon City Workhouse " Hackney sub-district.
lborn " " Hoxton New Town sub-district.
itechapel " " Mile End Old Town Eastern sub-dist.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 15th June 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
	LONDON—OUTER RING	368,414	631,381	486	234	60	41	4	3	5	5	13	1	3	7	14
29 : 1	Carshalton *wL* - - -	12228	13523	8	6	-	1	-	1	-	-	1	-	-	-	-
2	Epsom (*part of*) * *WH* -	9971	9145	4	3	-	2	-	-	-	-	-	-	-	-	-
36 : 1	Godstone (*part of*) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	66	13	4	2	-	-	-	1	-	-	-	-	-
2	Mitcham *WH* - - -	11697	12534	11	2	1	-	-	-	-	-	-	-	-	-	-
38 : 1	Wimbledon *HH* - -	3220	9087	4	1	-	-	-	-	-	-	-	-	-		-
2	Kingston *WH* - - -	8549	27489	24	7	1	2	-	-	-	-	-	-	-	-	-
3	Esher (*part of*) * - -	6601	7353	6	3	1	1	-	-	-	-	-	-	-	1	1
4	Hampton - - - -	4573	10185	5	2	-	-	-	-	-	-	-	-	-	-	-
39 : 1	Richmond *WH* - - -	2271	16829	12	5	-	2	-	-	-	-	-	-	-	-	-
2	Mortlake - - - -	2961	9316	5	-	-	-	-	-	-	-	-	-	-	-	-
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	12	7	-	2	1	-	-	-	-	-	-	-	-
2	Chislehurst (*part of*)* *W* -	13665	10028	11	5	3	2	-	-	-	-	-	-	-	-	-
41 : 1	Bexley *H* - - - -	13439	19566	10	6	-	-	-	-	-	-	-	-	1	-	-
123 : 1	Sunbury *W* - - -	11055	9860	7	3	-	1	-	1	-	-	1	-	-	-	-
2	Staines *W* - - - -	13277	10339	5	5	-	2	-	-	-	-	1	-	-	-	-
124 : 1	Hillingdon *WH* - - -	6029	9712	-	2	-	-	-	-	-	-	-	-	-	1	1
2	Uxbridge - - - -	6178	5329	3	-	-	-	-	-	-	-	-	-	-	-	-
3	Hayes *WL* - - - -	14587	10497	3	5	2	1	-	-	-	-	-	-	1	1	1
125 : 1	Isleworth *W* - - -	7008	19930	11	10	1	3	-	-	-	-	-	-	-	-	1
2	Twickenham - - -	2477	10533	7	2	1	-	-	-	-	-	-	-	-	-	-
3	Brentford *HL* - - -	4370	20279	13	3	-	-	-	-	-	-	-	1	-	-	-
4	Chiswick - - - -	1311	8508	5	5	-	1	-	-	-	-	-	-	-	-	-
5	Acton *WH* - - - -	6087	12683	13	10	3	2	-	-	-	-	-	-	-	-	2
126 : 1	Harrow *H* - - - -	13809	10869	10	6	1	1	-	-	-	-	-	-	-	-	-
2	Edgware *H* - - -	6994	3450	1	4	-	1	-	-	-	-	-	-	-	1	2
3	Willesden - - - -	4383	15869	9	10	3	2	-	-	1	-	2	-	-	1	1
4	Hendon *WH* - - -	8382	6972	6	5	2	-	-	1	-	-	-	-	-	-	-
127 : 1	South Mimms - - -	15419	5924	4	4	3	-	-	-	-	-	-	-	-	-	-
2	Barnet *W* - - - -	5423	7752	3	-	-	-	-	-	-	-	-	-	-	-	-
3	Finchley *L* - - - -	4688	11493	3	4	-	-	-	-	1	-	-	-	-	-	-
128 : 1	Hornsey *H* - - - -	3039	19357	9	12	7	-	-	-	-	1	1	-	1	-	1
2	Tottenham *H* - - -	4642	22869	32	15	3	5	-	-	-	-	1	-	-	1	2
3	Edmonton *WW* - - -	7483	13860	17	4	-	2	-	-	-	-	-	-	-	-	-
4	Enfield *WH* - - -	12653	16054	15	7	1	2	-	-	2	1	-	-	-	-	-
5	Waltham Abbey - - -	11017	5197	2	2	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	9	2	1	1	-	-	-	-	-	-	-	-	-
134 : 1	Hatfield (*part of*) * - -	3180	559	1	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	9	1	-	-	-	-	-	-	-	-	-	-	-
185 : 1	Stratford - - - -	882	23286	24	11	5	-	1	-	-	-	3	-	-	-	-
2	West Ham *WWWW* - -	7345	44642	43	28	9	2	2	-	1	-	1	-	-	1	2
3	Leyton *WW* - - -	4274	15513	12	7	3	-	-	-	-	2	1	-	-	-	-
4	Walthamstow *H* - -	6619	15701	15	1	1	-	-	-	-	-	-	-	-	-	-
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	1	2	1	-	-	-	-	-	-	-	-	-	-
188 : 1	Romford (*part of*) * - -	6730	2879	3	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford - - - - -	8492	5947	5	2	1	1	-	-	-	-	1	-	-	-	-
3	Barking Town - - -	4128	6576	8	2	2	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Godst sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 9 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoydon- (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 15th June, 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	
ATER LONDON	446,494	4,450,015	18·0	3·0	1534	401	286	28	23	29	13	114	23	24	56	254
NNER LONDON -	78,080	3,577,304	19·0	3·2	1300	341	245	24	20	24	8	101	22	21	49	236
UTER RING -	368,414	872,711	14·0	2·0	234	60	41	4	3	5	5	13	1	3	7	18

E.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal ·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area ,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, ich 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than es to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,759,796 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	May	11	-	350	42·5	Small-pox 105; cholera 44.
BOMBAY - -	644,405	"	14	-	551	44·5	Small-pox 15; cholera 34; fevers 222.
MADRAS - -	397,552	April	19	-	-	-	—
PARIS - -	1,988,806	June	13	-	871	22·8	Typhoid fever 8; diphtheria 12; croup 15.
GENEVA - -	68,792	"	8	28	37	28·1	—
BRUSSELS - -	175,782	"	1	112	83	24·6	—
AMSTERDAM -	302,266	"	1	192	128	22·0	Whooping-cough 6; typhus and typhd. fev. 2.
ROTTERDAM -	142,585	"	1	114	76	27·7	—
THE HAGUE -	107,896	"	1	68	49	23·5	Typhus and typhoid fever 3.
COPENHAGEN -	220,000	"	4	192	73	17·3	Croup 3.
STOCKHOLM -	146,845	"	1	-	64	21·7	—
CHRISTIANIA -	105,000	"	8	86	41	19·9	Whooping-cough 3.
ST. PETERSBURGH	669,741*	"	1	-	657	51·0	Small-pox 27; typhus & typhoid fever 97.
BERLIN - -	1,019,620	May	25	744	620	31·3	Scarlet fever 15; diphtheria 23.
HAMBURG (State)	406,604	June	1	339	200	25·7	Typhus 3; diphtheria and croup 7.
DRESDEN - -	207,845	"	1	156	99	24·8	—
BRESLAU - -	267,000	"	8	200	146	28·4	Scarlet fever 2.
MUNICH - -	222,000	"	8	181	132	31·0	Diphtheria and croup 3.
VIENNA - -	727,271	"	8	509	469	33·5	Small-pox 5; diphtheria 21.
BUDA-PESTH -	319,530	"	1	251	259	42·1	Diphtheria 11; scarlet fever 9.
ROME - -	282,214	May	11	-	-	-	—
NAPLES - -	457,407	"	13	-	268	30·6	Diphtheria 4; croup 3.
TURIN - -	227,843	June	1	118	129	29·5	Typhus and typhd. fev. 4; diphtheria and croup 6.
VENICE - -	139,796	"	8	46	79	29·5	—
ALEXANDRIA -	212,034	May	30	176	180	44·3	Whooping-cough 7; small-pox 1.
NEW YORK -	1,084,528	"	18	-	470	22·6	Scarlet fever 22; diphtheria 14.
BROOKLYN -	549,438	"	11	-	149	14·1	Scarlet fever 11; diphtheria 11.
PHILADELPHIA -	876,118	"	25	-	256	15·2	Scarlet fever 8; typhoid fever 4.
BOSTON - -	363,000	"	11	-	-	-	—

* The rate of mortality in St. Petersburgh is calculated on the population enumerated at the last Census in 1869, and is thus probably overstated, as the population of the city is said to have increased in a remarkable manner since that date.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 15th JUNE, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Difference. Greatest.	Difference. Least.	Difference. Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure on square foot. Greatest.	Osler's. Pressure on square foot. Least.	Osler's. Pressure on square foot. Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
JUNE.																										
SUN. .	9	Perigee.	29·432	66·1	51·7	14·4	58·1	49·9	127·7	46·5	61·8	59·3	8·2	11·6	1·2	+ 0·2	75	SW.	SSW.&SW.	9·3	0·0	1·3	433	+182	0·01	15·8
MON. .	10	..	29·617	69·2	50·7	18·5	57·0	49·6	135·2	46·8	62·3	59·7	7·4	18·4	1·8	− 1·1	77	WSW.	SW.	11·3	0·0	1·3	439	+179	0·07	19·2
TUES. .	11	..	29·394	64·1	50·3	13·8	55·6	51·2	94·3	47·1	60·8	59·1	4·4	8·5	1·0	− 2·7	85	S. & SSW.	SW.	11·5	0·0	1·9	465	+200	0·02	23·8
WED. .	12	..	29·454	66·3	48·4	17·9	57·3	48·7	129·8	42·7	62·3	59·8	8·6	14·3	2·9	− 1·2	73	SSW.	SW.	7·2	0·0	1·7	487	+216	0·12	13·3
THURS.	13	..	29·672	71·1	49·7	21·4	58·5	50·3	135·6	46·3	61·8	59·8	8·2	18·5	0·8	− 0·2	74	WSW.	SW. NE. & ENE.	1·5	0·0	0·2	267	− 5	1·05	9·0
FRI. .	14	Greatest Dec. S.	29·719	56·7	48·0	8·7	51·9	46·1	82·1	48·0	61·3	59·3	5·8	8·5	2·3	− 7·0	81	NE.	ENE.&NE.	0·7	0·0	0·1	275	+ 5	0·01	5·8
SAT. .	15	Full. ..	29·702	59·0	44·6	14·4	51·6	43·8	101·7	42·0	61·3	59·3	7·8	13·3	1·5	− 7·4	75	NNE.&NE.	NE. & Calm	0·0	0·0	0·0	117	−144	0·00	0·7
MEANS .		..	29·570	64·6	49·1	15·6	55·7	48·5	115·2	45·6	61·7	59·5	7·2	13·3	1·6	− 2·8	77	SW. & NE.		..	..	..	Sum 2483	Sum +633	Sum 1·28	12·5
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. JUNE.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY .	9	The electrical apparatus was not in action throughout the week.	10·8	16·4	Cloudy and showery in morning; fine afterwards.
MONDAY .	10		9·1	16·5	Partially cloudy. Showery. Thunder in afternoon.
TUESDAY .	11		2·2	16·5	Overcast generally and showery till evening; fine at night.
WEDNESDAY	12		8·9	16·5	Partially cloudy. Occasional showers of rain.
THURSDAY .	13		7·0	16·5	Fine and partially cloudy till afternoon; overcast afterwards. Rain fell very heavily in afternoon.
FRIDAY .	14		0·0	16·5	Overcast. A little rain in early morning.
SATURDAY .	15		1·8	16·5	A few breaks in morning; overcast afterwards.
..		..	Sum 39·8	Sum 115·4	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 29·46 in. at the beginning of the week to 29·48 in. by 9h. A.M. on the 9th; decreased to 29·36 in. by 8h. P.M. on the same day; increased to 29·66 in. by 9h. P.M. on the 10th; decreased to 29·37 in. by 9h. P.M. on the 11th; increased to 29·73 in. by 9h. P.M. on the 14th; and decreased to 29·39 in. by the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

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General Register Office, Somerset House,
24th June, 1878.

United Kingdom.

During last week 6346 *births* and 3438 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality from all causes was at the average rate of 21 deaths annually in every 1000 persons living. The annual death-rate was 20 per 1000 in Edinburgh, 26 in Glasgow, and 23 in Dublin; small-pox caused 13 deaths in Dublin, against 19 and 18 in the two preceding weeks.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Nottingham 13, Leicester 13, Newcastle-on-Tyne 17, Bristol 17, Portsmouth 18, Brighton 19, Bradford 19, Leeds 20, London 20, Norwich 22, Birmingham 22, Wolverhampton 22, Salford 23, Plymouth 23, Hull 23, Sheffield 24, Manchester 26, Liverpool 26, Oldham 26, and again the highest rate 28 in Sunderland. The annual death-rate from the seven principal zymotic diseases averaged 3·5 per 1000 in the twenty towns, and ranged from 0·3 and 0·4 in Bristol and Hull, to 7·6 and 10·7 in Sheffield and Sunderland. The fatal cases of scarlet fever in Sheffield rose to 25, from 21 and 13 in the two previous weeks; scarlet fever also showed increased fatality in Birmingham. The high zymotic rate in Sunderland was mainly due to measles and whooping-cough. Small-pox caused 21 deaths in London and its suburban districts, but not one in any of the nineteen large provincial towns.

London.

In London 2625 births and 1391 deaths were registered. Allowing for increase of population, the births exceeded by 340, and the deaths by 20, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 21·6 and 19·0 per 1000, rose again last week to 20·3.

The 1391 deaths included 19 from small-pox, 17 from measles, 17 from scarlet fever, 12 from diphtheria, 108 from whooping-cough, 19 from different forms of fever, and 23 from diarrhœa; thus to the seven principal diseases of the zymotic class 215 deaths were referred, against 285 and 220 in the two preceding weeks. These 215 deaths were 23 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 3·2 per 1000. The fatal cases of whooping-cough, which had been 152, 135, and 101 in the three previous weeks, were 108 last week, and exceeded the corrected weekly average by 57; the disease showed excessive fatality in Pancras, Islington, St. Lukes, Lambeth, Battersea, and Peckham. The mortality from measles and scarlet fever continues exceptionally low; measles, however, caused 7 deaths in Clapham and Battersea sub-districts. The fatal cases of diphtheria, which had declined from 20 to 8 in the four previous weeks, rose again to 12 last week, of which 5 occurred in the South, 3 in the West, and 2 in the North groups of districts. The 19 deaths referred to fever showed a decline of 3 from the number in the previous week, and were 11 below the corrected average; 3 fatal cases were certified as typhus, 11 as enteric or typhoid, and 5 as simple continued fever. The 3 fatal cases of typhus were all recorded in the Stockwell Fever Hospital; the deceased patients had resided at—3, Smith's Place, Bermondsey, at 11, Queen Street, Bermondsey, and at 52, Hall Street, Greenwich. The death of a male, aged 38 years, in Bartholomew's Hospital, on 19th instant, was referred to "septic fever." The 23 deaths from diarrhœa, of which 17 were of infants under one year of age, were 11 below the corrected average, although they somewhat exceeded the number in the previous week.

The deaths from small-pox, which had been 42 and 24 in the two preceding weeks, further declined to 19 last week, and were fewer than in any week since

the middle of November last; 11 occurred in the Metropolitan Asylum Hospitals, and 8 in private dwelling-houses. Three of the deceased small-pox patients had resided in Fulham, 3 in Pancras, and 4 in Camberwell. Of the 19 fatal cases of small-pox, 10 were certified as unvaccinated, and 3 as vaccinated; in the 6 remaining cases (of which 5 occurred in private practice) the certifying medical practitioners omitted to give any information as to vaccination.

The number of small-pox patients in the Metropolitan Asylum Hospitals, which was 854 on 20th April last, has since steadily declined to 483 on Saturday last; the number of new cases admitted to these hospitals, which had been 84 and 100 in the two preceding weeks, declined again to 86 last week. The Highgate Small-pox Hospital contained 35 patients on Saturday last, against 48, 43, and 38 on the three preceding Saturdays; 4 new cases were admitted during the week.

The death of a male aged 50 years, in the Hackney Workhouse, on 16th instant, was referred to "Cyanosis."

The deaths referred to diseases of the respiratory organs, which had been 270 and 200 in the two preceding weeks, were 204 last week, and exceeded the corrected average by 10; 116 resulted from bronchitis, and 56 from pneumonia.

Different forms of violence caused 48 deaths; 37 were the result of negligence or accident, including 13 from fractures and contusions, 4 from drowning, and 10 of infants under one year of age from suffocation. The death of the infant child of a labourer, aged two months, in Marylebone, on 16th instant, was referred to "Asphyxia from kitten lying on the face." The 13 deaths from fractures and contusions were thus caused:—female aged 2 years, crushed by van; male 30, run over by wagon; male 55, run over by brougham; male 24, run over on railway; male 63, fell from ladder; male 54 and female 65, fell down stairs; male 25 and female 5, falls (nature not stated); male 25, fall of iron block upon him; male 64, fractured leg; female 75, contused arm; and female 83, fractured femur. An inquest was held in each of these cases except the last two, which were certified by registered medical practitioners.

In the large Public Institutions 257 deaths were recorded, or 18 per cent. of the total deaths; of these 147 occurred in Workhouse Establishments, 102 in Hospitals, and 8 in Lunatic Asylums.

Greater London.

In the Greater London 3146 births and 1662 deaths were registered, equal to annual rates of 36·9 and 19·5 per 1000 of the population. In the Outer Ring a fatal case of small-pox was registered in Barnet, and one in Stratford sub-districts. Whooping-cough caused 4 deaths in Croydon, and 3 in Willesden.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Bombay was 41, Madras 38; Paris 22; Geneva 21; Brussels 28; Amsterdam 25, Rotterdam 27, The Hague 22; Copenhagen 23; Stockholm 19; Christiania 14; St. Petersburgh 48; Berlin 37, Hamburg 25, Dresden 22, Breslau 32, Munich 39; Vienna 31, Buda-Pesth 37; Naples 31, Turin 31, Venice 30; Alexandria 42; New York 21, Brooklyn 18, and Philadelphia 15. The 622 deaths in St. Petersburgh included 125 from fevers, and 21 from small-pox.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·82 in., the lowest reading was 29·63 in. on Sunday evening, and the highest 30·03 in. on Saturday morning. The mean temperature of the *air* was 59°·0, and 0°·7 below the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was below the average on the first four, but showed an excess on the last three days of the week; on Sunday 16th the mean was only 53°·8, and 5°·3 below the average, while on Saturday it had increased to 66°·6, and was in excess by 6°·2. The lowest night temperature was 45°·9 on Thursday, and the highest day temperature in the shade 80°·1 on Saturday; the extreme range in the week was, therefore, 34°·2. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 142°·0 on Friday. The difference between the mean *dew-point* and *air* temperature averaged 8°·1. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police ship, was 60°·3. The mean degree of *humidity* of the air was 76, complete saturation being represented by 100; the air was therefore of its average dryness. The direction of the *wind* was South-west, and the horizontal movement of the air averaged 5·8 miles per hour, which was 4·0 below the average in the corresponding week of 16 years. *Rain* fell on two days of the week, to the aggregate amount of 0·99 of an inch. The duration of registered sunshine in the week was 42·4 hours, the sun being above the horizon during 116·1 hours; the recorded duration of sunshine was, therefore, equal to 37 per cent. of its possible duration.

According to a return furnished by the Engineer of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 369,112 cubic metres, equivalent to about as many tons by weight.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 22nd June, 1878.

CITIES AND BOROUGHS. (Municipal Boundaries, except for LONDON and DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 22nd June, 1878.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
23 TOWNS in the UNITED KINGDOM	220,845	8,373,953	37·9	6346	3438	80·5	42·0	56·6	13·67	0·24	0·61
LONDON	75,362	3,577,304	47·5	2625	1391	80·1	45·9	59·0	15·00	0·99	2·51
BRIGHTON	2,354	103,923	44·1	60	38	74·0	47·4	57·0	13·89	0·51	1·30
PORTSMOUTH	4,486	129,461	28·9	86	44	–	–	–	–	–	–
NORWICH	7,472	84,620	11·3	58	36	80·5	46·0	58·0	14·44	0·19	0·48
PLYMOUTH	1,395	73,599	52·8	39	32	68·0	48·0	56·5	13·61	0·44	0·61
BRISTOL	4,452	206,419	46·4	168	68	80·3	45·8	59·3	15·17	0·01	0·03
WOLVERHAMPTON	3,396	74,240	21·9	60	32	72·4	44·9	55·2	12·89	0·03	0·08
BIRMINGHAM	8,400	383,117	45·6	325	164	–	–	–	–	–	–
LEICESTER	3,200	121,473	38·0	83	31	77·8	48·2	58·2	14·55	0·05	0·13
NOTTINGHAM	9,960	165,267	16·6	134	42	78·6	44·3	56·3	13·50	0·03	0·08
LIVERPOOL	5,210	532,681	102·2	405	265	68·5	50·4	56·1	13·39	0·05	0·13
MANCHESTER	4,293	360,514	84·0	352	179	–	–	–	–	–	–
SALFORD	5,170	170,251	32·9	167	74	71·7	42·0	54·2	12·33	0·26	0·66
OLDHAM	4,666	107,366	23·0	100	54	–	–	–	–	–	–
BRADFORD	7,220	185,088	25·6	145	68	69·1	42·8	54·1	12·28	0·04	0·10
LEEDS	21,572	304,948	14·1	244	114	72·0	44·0	55·0	12·78	0·12	0·30
SHEFFIELD	19,651	289,537	14·7	209	135	71·0	44·0	56·4	13·55	0·12	0·30
HULL	3,635	143,139	39·4	91	63	77·0	45·0	55·5	13·06	0·22	0·56
SUNDERLAND	3,306	112,459	34·0	96	60	–	–	–	–	–	–
NEWCASTLE-ON-TYNE	5,371	144,570	26·9	110	47	–	–	–	–	–	–
EDINBURGH	4,191	222,371	53·1	147	87	–	–	–	–	–	–
GLASGOW	6,033	566,940	94·0	425	278	69·0	44·5	57·0	13·89	0·28	0·71
DUBLIN	10,050	314,666	31·3	217	136	71·4	44·2	58·4	14·66	0·42	1·07

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.
† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday, the 22nd June, 1878.

BOROUGHS, &c. (Municipal Boundaries, except for LONDON and DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
				Deaths of		Deaths from								
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
In 20 TOWNS	21·1	3·5	2937	700	484	19	65	110	17	176	45	56	95	157	439
LONDON	20·3	3·1	1391	328	241	19	17	17	12	108	19	23	48	86	257
BRIGHTON	19·1	1·0	38	6	10	–	–	–	–	1	–	1	4	4	3
PORTSMOUTH	17·7	0·8	44	11	13	–	1	–	–	1	–	–	1	1	5
NORWICH	22·2	4·9	36	10	5	–	1	–	–	6	1	–	1	2	1
PLYMOUTH	22·7	6·4	32	10	6	–	2	2	–	2	–	3	1	4	2
BRISTOL	17·2	0·3	68	12	17	–	–	–	–	1	–	–	2	3	10
WOLVERHAMPTON	22·5	2·1	32	10	10	–	–	–	–	2	1	–	1	1	5
BIRMINGHAM	22·3	5·2	164	44	19	–	1	19	2	10	3	3	2	3	28
LEICESTER	13·3	1·7	31	7	6	–	1	1	2	–	–	–	1	2	7
NOTTINGHAM	13·3	2·2	42	9	11	–	–	4	–	–	2	1	1	5	5
LIVERPOOL	26·0	5·9	265	70	29	–	11	22	–	6	7	14	10	11	35
MANCHESTER	25·9	3·5	179	34	30	–	6	7	–	4	4	3	5	12	32
SALFORD	22·7	3·7	74	19	15	–	1	–	–	6	2	3	5	7	7
OLDHAM	26·2	2·9	54	13	7	–	1	2	–	3	–	–	2	2	5
BRADFORD	19·2	2·8	68	20	9	–	2	3	–	5	–	–	–	1	3
LEEDS	19·5	2·9	114	28	17	–	7	3	–	4	2	1	1	2	9
SHEFFIELD	24·3	7·6	135	35	17	–	4	25	–	7	4	2	3	3	7
HULL	23·0	0·4	63	11	8	–	–	–	–	–	–	1	5	6	6
SUNDERLAND	27·8	10·7	60	12	9	–	10	2	1	10	–	–	–	–	7
NEWCASTLE-ON-TYNE	17·0	1·4	47	11	5	–	–	3	–	–	–	1	2	2	5
DUBLIN	22·6	4·5	136	21	28	13	–	1	–	7	5	1	2	3	44

Table 3. LONDON.—**Births** and **Deaths** Registered last Week, and in the Twenty-fifth Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
Total **Births**	2025	2100	2073	1938	1997	2054	2228	2370	2296	2270	2135·1	2625
Males . .	1024	1080	1075	1008	1015	1080	1152	1251	1132	1148	1096·5	1352
Females .	1001	1020	998	930	982	974	1076	1119	1164	1122	1038·6	1273
Total **Deaths**	1228	1381	1282	1293	1230	1191	1216	1413	1304	1271	1281·2	1391
Males . .	656	698	681	662	633	653	649	760	686	672	675·0	727
Females .	572	683	601	634	597	538	567	653	618	599	606·2	664

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77, after raising the average by 7 per cent. for increase of population.

Table 4. LONDON.—Deaths and Meteorology in the Last Thirteen Weeks.

	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.	May 4.	May 11.	May 18.	May 25.	June 1.	June 8.	June 15.	June 22.
Total **Deaths** - - -	1766	1877	1895	1773	1661	1545	1383	1380	1381	1419	1481	1300	1391
0—20 - -	899	900	954	899	876	775	709	670	707	761	773	684	687
20—40 - -	214	230	234	241	218	235	213	194	192	218	178	181	203
40—60 - -	296	346	293	279	286	240	215	258	225	212	254	190	260
60—80 - -	295	323	343	295	232	252	206	215	208	183	240	210	210
at 80 years & upwds.	62	78	71	59	49	43	40	43	49	45	36	35	31
Deaths of children: Under 1 year -	390	381	415	379	394	371	306	303	317	346	353	341	328
Deaths of children: 1—5 - -	368	402	403	375	357	286	296	261	274	295	296	250	266
Deaths of children: 5—20 - -	141	117	136	145	125	118	107	106	116	120	124	93	93
Deaths from 7 principal Zymotic Diseases	339	319	346	323	305	295	245	259	246	276	285	220	215
" " Small-pox -	48	55	58	80	63	60	48	48	43	40	42	24	19
" " Measles - -	35	30	40	31	38	29	33	28	14	15	18	20	17
" " Scarlet fever -	47	42	36	37	22	27	24	26	17	17	27	24	17
" " Diphtheria -	12	8	9	8	11	10	9	12	20	17	16	8	12
" " Whooping-cough	158	146	157	123	136	117	110	102	116	152	135	101	108
" " Typhus fever -	3	4	4	3	3	5	1	3	2	4	2	2	3
" " Enteric (or Typhoid) fever -	23	20	23	14	15	19	8	16	15	11	15	14	11
" " Simple Contd fever	2	5	5	9	6	5	5	3	3	–	5	6	5
" " Diarrhœa - -	11	9	14	18	11	23	7	21	16	20	25	21	23
" " Simple Cholera -	–	–	1	–	–	1	–	–	–	–	–	–	–
" " Dis. of Respiratory Organs -	421	474	497	398	345	284	225	199	204	206	270	200	204
" " Phthisis - -	169	208	182	188	174	189	139	171	151	208	162	169	192
" " Heart Diseases -	118	111	106	88	71	70	74	79	77	69	91	71	95
Violent Deaths - - -	57	39	49	75	64	60	66	75	59	55	59	49	48
Inquest Cases - - -	118	102	99	124	100	101	96	109	85	92	94	76	86
Deaths in Public Institutions	334	358	333	360	334	307	264	274	298	280	283	236	257
Temperature of the Air:													
Mean - - - - -	35°·5	40°·4	46°·0	51°·5	51°·2	55°·5	56°·7	58°·0	51°·8	52°·7	57°·1	55°·7	59°·0
Mean of Highest readings -	44·6	50·3	54·1	61·0	61·6	66·5	66·6	67·6	62·2	62·4	68·0	64·6	71·3
Mean of Lowest readings -	29·1	31·8	38·0	44·4	44·0	47·0	48·3	50·7	44·2	45·5	48·1	49·1	48·0
Mean Temperature of the Water of the Thames -	44·0	41·4	44·7	50·0	53·5	55·7	58·7	60·9	59·7	58·3	58·5	60·6	60·3
Humidity of the Air - -	76	78	75	85	80	77	79	75	77	81	79	77	76
Rain-fall in inches - -	0·71	0·38	2·85	0·73	0·20	0·66	2·10	0·63	0·81	0·39	0·80	1·28	0·99
Registered Sunshine (in hours)	18·2	34·6	45·4	17·9	40·6	35·8	33·5	48·3	36·4	29·3	25·3	39·8	42·4

Meteorological Observations. (*See* Table **1.**)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-FIFTH Week of the Year 1878.

CAUSES OF DEATH.	Average in the Twenty-fifth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, June 22, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature	60°·8	59°·0							
ALL CAUSES	1252·7	1391	328	266	93	203	260	210	31
SPECIFIED CAUSES	1246·2	1388	328	266	93	203	259	208	31
I. ZYMOTIC.									
ORDER 1.									
Small-pox	36·2	19	1	3	9	5	1	-	-
Measles	36·7	17	4	13	-	-	-	-	-
Scarlet Fever	34·8	17	1	12	4	-	-	-	-
Diphtheria	7·5	12	-	4	8	-	-	-	-
Quinsy	·2	2	-	1	-	1	-	-	-
Croup	9·2	16	2	11	3	-	-	-	-
Whooping-cough	47·6	108	42	64	2	-	-	-	-
Typhus	28·0 (Typhus, Enteric or Typhoid Fev., Simple continued Fev.)	3	-	-	-	1	2	-	-
Enteric or Typhoid Fev.		11	-	3	3	4	1	-	-
Simple continued Fev.		5	-	1	-	1	2	1	-
Erysipelas	5·6	6	3	-	-	-	2	1	-
Puerperal Fev. (Metria)	5·0	2	-	-	-	2	-	-	-
Carbuncle	·4	1	-	-	-	-	1	-	-
Influenza	·4	-	-	-	-	-	-	-	-
Dysentery	1·8	-	-	-	-	-	-	-	-
Diarrhœa	31·5	23	17	4	-	-	-	2	-
Simple Cholera	·9	-	-	-	-	-	-	-	-
Ague	·7	-	-	-	-	-	-	-	-
Remittent Fever	·3	-	-	-	-	-	-	-	-
Rheumatism	7·1	2	-	-	-	1	1	-	-
Other *Zymotic* Diseases	·6	1	-	1	-	-	-	-	-
ORDER 2.									
Syphilis	7·5	5	3	1	-	1	-	-	-
Stricture of Urethra	1·3	2	-	-	-	-	-	2	-
Hydrophobia	-	-	-	-	-	-	-	-	-
Glanders	·1	-	-	-	-	-	-	-	-
ORDER 3.									
Privation	·4	-	-	-	-	-	-	-	-
Want of Breast-milk	8·3	10	10	-	-	-	-	-	-
Purpura and Scurvy	1·4	2	-	2	-	-	-	-	-
Alcoholism: *a* Del. Tremens	1·9	2	-	-	-	1	1	-	-
Alcoholism: *b* Intemperance	1·3	4	-	-	-	2	2	-	-
ORDER 4.									
Thrush	1·5	7	7	-	-	-	-	-	-
Worms, &c.	·2	1	-	-	-	1	-	-	-
CONSTITUTIONAL.									
ORDER 1.									
Gout	2·0	3	-	-	-	-	-	3	-
Dropsy	9·8	10	1	2	1	-	3	2	1
Cancer	32·9	40	-	-	-	3	23	14	-
Cancrum Oris (Noma)	·5	-	-	-	-	-	-	-	-
Mortification	3·4	2	-	-	-	-	-	2	-
ORDER 2.									
Scrofula	10·4	15	6	5	1	1	-	2	-
Tabes Mesenterica	20·6	20	8	11	1	-	-	-	-
Phthisis	163·2	192	1	4	24	93	63	7	-
Hydrocephalus	30·2	37	10	23	3	1	-	-	-
III. LOCAL.									
ORDER 1.									
Cephalitis	21·8	38	13	14	4	4	1	2	-
Apoplexy	37·8	37	-	5	-	5	12	12	3
Paralysis	26·6	33	-	-	-	4	9	18	2
Insanity	2·6	-	-	-	-	-	-	-	-
Chorea	·4	-	-	-	-	-	-	-	-
Epilepsy	7·1	4	-	-	1	1	-	2	-
Convulsions	45·4	53	39	13	1	-	-	-	-
Brain Disease, &c.	16·3	16	-	1	1	4	5	5	-
ORDER 2.									
Pericarditis	2·9	3	-	-	2	-	1	-	-
Aneurism	2·8	4	-	-	-	4	-	-	-
Heart Disease, &c.	63·5	88	1	-	6	17	31	30	3
ORDER 3.									
Laryngitis	5·6	6	3	1	-	2	-	-	-
Bronchitis	89·6	116	28	26	1	3	25	29	4
Pleurisy	4·7	3	-	-	-	-	1	2	-
Pneumonia	63·1	56	16	10	6	7	9	8	-
Asthma	6·3	6	-	-	-	2	2	2	-
Lung Disease, &c.	11·6	17	6	5	1	-	2	3	-

CAUSES OF DEATH.	Average in the Twenty-fifth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, June 22, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature	60°·8	59°·0							
ORDER 4.									
1. Gastritis	1·8	2	-	-	1	-	1	-	-
2. Enteritis	5·9	10	2	2	1	1	2	1	1
3. Peritonitis	4·9	4	-	1	-	-	1	1	1
4. Ascites	1·4	-	-	-	-	-	-	-	-
5. Ulceration of Intestines	3·6	2	-	1	-	-	1	-	-
6. Hernia	2·7	1	-	-	-	1	-	-	-
7. Ileus	3·5	4	-	-	-	3	-	1	-
8. Intussusception	1·1	2	1	-	-	-	-	1	-
9. Stricture of Intestines	1·2	-	-	-	-	-	-	-	-
10. Fistula	·9	-	-	-	-	-	-	-	-
11. *Stomach Disease, &c.*	5·6	13	3	1	-	2	6	1	-
12. *Pancreas Disease, &c.*	—	-	-	-	-	-	-	-	-
13. Hepatitis	3·5	5	-	-	-	-	3	2	-
14. Jaundice	4·0	4	2	-	-	-	-	2	-
15. *Liver Disease, &c.*	19·9	24	1	-	-	3	11	9	-
16. *Spleen Disease, &c.*	—	-	-	-	-	-	-	-	-
ORDER 5.									
1. Nephritis	2·2	3	-	-	-	1	2	-	-
2. Ischuria	·2	-	-	-	-	-	-	-	-
3. Bright's Dis. (Nephria)	11·7	17	-	1	1	5	7	3	-
4. Diabetes	1·8	3	-	-	-	1	1	1	-
5. Calculus (Stone)	1·2	-	-	-	-	-	-	-	-
6. Cystitis	1·1	2	-	-	-	-	1	1	-
7. *Kidney Disease, &c.*	6·2	10	-	1	1	2	1	5	-
ORDER 6.									
1. Ovarian Dropsy	·8	1	-	-	-	-	1	-	-
2. *Uterus Disease, &c.*	3·5	4	-	-	-	2	1	1	-
ORDER 7.									
1. Synovitis (Arthritis)	·4	-	-	-	-	-	-	-	-
2. *Joint Disease, &c.*	7·1	5	1	-	2	1	1	-	-
ORDER 8.									
1. Phlegmon	2·4	3	1	1	-	1	-	-	-
2. Ulcer	·5	3	-	-	-	-	2	1	-
3. *Skin Disease, &c.*	1·3	1	-	-	-	-	1	-	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth	20·7	26	26	-	-	-	-	-	-
2. Cyanosis	1·9	3	2	-	-	-	1	-	-
3. Spina Bifida	·9	-	-	-	-	-	-	-	-
4. Other Malformations	1·5	2	2	-	-	-	-	-	-
5. Teething	12·9	16	10	6	-	-	-	-	-
ORDER 2.									
1. Paramenia	·2	-	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever)	5·9	4	-	-	-	4	-	-	-
ORDER 3.									
1. Old Age	36·4	34	-	-	-	-	-	19	15
ORDER 4.									
1. Atrophy and Debility	55·0	55	41	7	1	-	2	4	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	16·8	13	-	2	1	3	2	4	1
2. Wounds: Gunshot	·7	-	-	-	-	-	-	-	-
2. Wounds: Cut, Stab		1	-	-	-	1	-	-	-
3. Burns and Scalds	3·6	1	-	1	-	-	-	-	-
4. Poison	1·3	1	-	-	1	-	-	-	-
5. Drowning	8·3	4	1	1	2	-	-	-	-
6. Suffocation	8·2	12	10	1	-	-	1	-	-
7. Otherwise	3·3	5	1	-	-	1	2	1	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	2·5	2	2	-	-	-	-	-	-
ORDER 4. (SUICIDE.)									
1. Wounds: Gunshot	·6	1	-	-	-	-	1	-	-
1. Wounds: Cut, Stab	1·2	2	-	-	-	-	2	-	-
2. Poison	·8	1	-	-	-	-	1	-	-
3. Drowning	1·5	1	-	-	-	-	1	-	-
4. Hanging	1·4	3	-	-	-	-	2	1	-
5. Otherwise	·7	1	-	-	-	-	1	-	-
ORDER 5. (EXECUTION.)									
1. Hanging	—	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained)	1·0	-	-	-	-	-	-	-	-
Causes not specified or ill-defined	5·5	3	-	-	-	-	1	2	-

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARI
during the Week end

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public
LONDON - - -	3,254,260	2625	1391	328	241	19	17	17	12	108	3	11	5	23	48	86	2
WEST DISTRICTS - - - -	561,359	399	226	53	36	4	3	2	3	17	-	2	-	4	5	16	3
NORTH DISTRICTS - - -	751,729	601	335	83	55	4	1	4	2	26	-	-	1	5	16	29	6
CENTRAL DISTRICTS - - -	334,369	205	131	24	16	-	3	3	1	16	-	2	2	2	7	11	1
EAST DISTRICTS - - - -	639,111	521	265	60	55	1	-	1	1	13	-	3	1	5	9	13	-
SOUTH DISTRICTS - - - -	967,692	899	434	108	79	10	10	7	5	36	3	4	1	7	11	17	-
WEST DISTRICTS.																	
St. Mary Paddington *WH* - - -	58728	42	26	7	7	-	-	-	-	-	-	-	-	2	4	6	
St. John Paddington *H* - - -	38085	20	13	3	-	-	-	-	-	1	-	-	-	-	-	2	
Kensington Town *W* - - - -	91645	82	33	11	3	-	-	-	1	4	-	-	-	1	-	1	
Brompton *H* - - - - - -	28654	12	15	6	1	-	-	-	-	1	-	-	-	-	-	-	
St. Peter Hammersmith - - -	6662	3	2	-	-	-	-	-	-	-	-	-	-	-	-	1	
St. Paul Hammersmith *H* - - -	36029	36	22	7	3	1	1	-	1	2	-	-	-	-	-	2	
Fulham *WwH* - - - - -	23350	31	25	2	5	3	-	2	1	2	-	-	-	-	-	-	
Chelsea South *HHH* - - - -	26420	26	7	2	2	-	-	-	-	1	-	-	-	-	1	2	
Chelsea North-west *WHHHH* - -	22926	19	13	1	3	-	-	-	-	1	-	-	-	-	-	-	
Chelsea North-east - - - -	21392	25	5	2	-	-	2	-	-	-	-	-	-	-	-	-	
Hanover Square *H* - - - -	18698	8	8	1	3	-	-	-	-	-	-	-	-	-	-	-	
May Fair *WW* - - - - -	13358	4	7	-	2	-	-	-	-	-	-	-	-	-	-	-	
Belgrave *HH* - - - - -	57972	21	21	1	4	-	-	-	-	3	-	1	-	-	-	-	
St. John Westminster *HH* - - -	38478	33	8	6	-	-	-	-	-	-	-	-	-	1	-	1	
St. Margaret Westminster *WH* - -	27781	13	13	1	3	-	-	-	-	-	-	1	-	-	-	1	
Golden Square *WH* - - - -	12860	8	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
Berwick-street *H* - - - -	20759	12	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Anne Soho *HHHHH* - - -	17562	4	5	2	-	-	-	-	-	2	-	-	-	-	-	-	
NORTH DISTRICTS.																	
All Souls Marylebone *HHHH* - -	28579	20	13	1	2	-	-	-	-	-	-	-	-	-	3	3	
Cavendish Square *HH* - - -	15425	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rectory Marylebone *WH* - - -	26384	12	9	4	4	-	-	-	-	1	-	-	-	-	-	1	
St. Mary Marylebone *HHH* - -	21786	23	4	1	1	-	-	-	-	1	-	-	-	-	-	-	
Christchurch Marylebone *H* - -	33944	17	14	4	4	-	-	-	-	1	-	-	-	1	1	1	
St. John Marylebone *H* - - -	33136	20	7	1	2	-	-	-	-	-	-	-	-	-	-	3	
Hampstead *WwHH* - - - -	32281	21	13	3	1	1	-	-	1	1	-	-	-	-	-	-	
Regent's Park Pancras - - -	38200	20	15	6	-	1	-	-	-	2	-	-	-	-	2	3	
Tottenham-court *wHHH* - - -	29370	23	21	3	2	-	-	-	-	-	-	-	-	-	1	1	
Gray's Inn Lane *HHH* - - -	29221	19	13	5	-	-	-	-	-	-	-	-	-	1	2	3	
Somers Town - - - - -	38533	15	18	7	-	-	-	-	-	5	-	-	-	1	-	-	
Camden Town *WH* - - - -	17943	17	12	-	2	-	-	-	-	-	-	-	-	-	-	1	
Kentish Town *w* - - - - -	68198	50	34	9	3	1	-	-	-	4	-	-	-	-	1	1	
Islington West *HHH* - - - -	97820	102	41	15	4	-	-	1	1	2	-	-	-	-	1	2	
Islington East *WwwH* - - -	115958	107	64	14	13	-	1	1	-	6	-	-	-	2	4	8	
Stoke Newington *H* - - - -	9841	10	5	-	1	-	-	-	-	-	-	-	-	-	-	-	
Stamford Hill - - - - -	6598	7	5	1	1	-	-	-	-	1	-	-	-	-	-	-	
West Hackney - - - - -	28069	26	13	4	4	-	-	-	-	-	-	-	1	-	-	1	
Hackney *WwwHL* - - - -	50104	51	23	2	8	1	-	2	-	1	-	-	-	-	1	1	
South Hackney - - - - -	30339	39	10	3	3	-	-	-	-	1	-	-	-	-	-	-	
CENTRAL DISTRICTS.																	
St. George Bloomsbury - - -	17853	12	6	1	1	-	-	-	-	-	-	-	-	-	1	1	
St. Giles South *WH* - - - -	19109	16	12	1	1	-	2	-	-	1	-	-	-	-	-	-	
St. Giles North - - - - -	16594	9	6	1	1	-	-	-	-	3	-	-	-	-	-	1	
Long Acre - - - - - -	11379	16	11	3	-	-	-	2	-	2	-	-	-	1	-	-	
Charing Cross *HH* - - - -	9859	5	4	1	-	-	-	-	-	-	-	1	-	-	-	-	
St. Mary-le-Strand - - - -	9378	8	5	-	1	-	1	-	-	1	-	-	-	-	-	-	
St. Clement Danes *H* - - - -	10723	3	7	-	1	-	-	-	-	-	-	-	-	-	-	-	
St. George-the-Martyr *HHHHH* -	20521	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Andrew Eastern *W* - - -	13529	7	5	1	1	-	-	-	-	1	-	-	-	-	-	1	
Saffron Hill *H* - - - - -	9066	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. James Clerkenwell *W* - - -	18917	10	5	1	1	-	-	-	-	1	-	-	-	-	-	-	
Amwell Clerkenwell - - - -	16884	14	3	1	-	-	-	-	-	1	-	-	-	-	-	-	
Pentonville - - - - - -	13337	19	9	1	3	-	-	-	1	-	-	-	1	-	1	1	
Goswell-street - - - - -	16242	16	6	-	1	-	-	-	-	-	-	-	-	-	-	1	
Old-street *H* - - - - -	12161	9	7	4	-	-	-	1	-	3	-	-	-	-	-	-	
City-road *HHL* - - - - -	18301	15	7	2	-	-	-	-	-	2	-	-	-	-	1	1	
Whitecross-street - - - - -	13792	6	3	1	-	-	-	-	-	1	-	-	-	-	-	-	
Finsbury - - - - - -	10741	4	5	2	-	-	-	-	-	-	-	-	-	-	-	-	
St. Botolph East London *H* - -	14540	6	8	3	1	-	-	-	-	-	-	-	-	1	-	-	
Cripplegate - - - - - -	13638	8	4	-	2	-	-	-	-	-	-	1	-	-	-	1	
St. Sepulchre *H* - - - - -	7562	3	9	-	2	-	-	-	-	-	-	-	1	-	2	2	
St. Bride *W* - - - - - -	11185	5	3	-	-	-	-	-	-	-	-	-	-	-	1	1	
Castle Baynard - - - - -	4426	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Christchurch - - - - -	6270	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Queenhithe - - - - - -	4753	-	2	-	-	-	-	-	-	-	-	-	-	-	1	1	
Allhallows Barking - - - -	5764	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
Broad-street *H* - - - - -	7845	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: *W*—Workhou
H—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see
at the foot of next page.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT turday, 22nd June 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
lywell Shoreditch	12430	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leonard Shoreditch *HL*†	16545	8	2	1	-	-	-	-	-	-	-	-	-	-	1	1	-
xton New Town *w*	27835	21	6	2	-	-	-	-	-	-	-	-	-	-	-	1	-
xton Old Town	26933	22	12	7	1	-	-	-	-	2	-	1	-	-	1	1	-
ggerston *WH*	43421	41	20	4	5	-	-	-	-	3	-	-	-	-	-	-	8
ckney-road *H*	29822	18	8	1	1	-	-	-	-	1	-	-	-	-	-	-	-
een, Bethnal Green *WHL*†	42433	36	19	4	3	-	-	-	-	1	-	-	-	-	-	-	5
urch, Bethnal Green	26577	18	7	1	2	-	-	-	-	-	-	-	-	-	-	-	-
wn, Bethnal Green	21272	20	5	-	1	-	-	-	-	1	-	-	-	-	-	-	-
italfields *H*	22499	7	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
le End New Town *W*	15550	14	14	1	1	-	-	-	-	-	-	-	-	-	1	2	7
hitechapel North	11597	12	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
hitechapel Church *H*	7322	4	14	-	2	-	-	-	-	-	-	-	-	-	1	1	13
odman's Fields	10381	8	6	2	-	-	-	-	-	-	-	1	-	1	-	-	-
dgate	9224	2	2	-	1	-	-	-	-	-	-	-	-	-	1	1	-
Mary St. George East	17900	18	4	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Paul St. George East	21350	19	9	3	3	-	-	-	-	-	-	-	-	-	-	-	-
John St. George East *W*	8802	7	2	-	1	-	-	-	-	-	-	-	-	-	-	-	1
adwell *H*	11640	4	4	2	-	-	-	-	-	-	-	-	-	1	-	-	2
teliff	16131	7	6	-	3	-	-	-	-	-	-	1	-	-	-	-	-
nehouse	29919	27	11	4	3	1	-	1	-	1	-	-	-	-	2	2	-
le End Old Town Western	38128	31	12	6	3	-	-	-	-	1	-	-	-	2	-	-	-
le End Old Town Eastern *WwcH*	55024	50	23	7	8	-	-	-	-	1	-	-	-	-	-	1	5
w *wwwH*	67765	85	56	11	15	-	-	-	1	-	-	-	1	1	2	3	17
plar *WW*	48611	39	16	3	1	-	-	-	-	1	-	-	-	-	-	-	1
SOUTH DISTRICTS.																	
ristchurch Southwark *WH*	14573	13	12	1	5	-	-	-	-	2	-	-	-	-	-	1	2
Saviour Southwark *H*	15677	8	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-
nt-road	20421	16	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-
rough-road *WH*	16695	8	8	3	1	-	-	-	-	-	-	-	-	-	1	1	1
udon-road *HL*	18961	18	5	1	-	-	-	-	-	1	-	-	-	-	-	-	-
nity Newington	23682	22	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Peter Walworth *W*	48248	45	25	6	5	-	-	1	-	1	-	-	-	1	-	-	11
Mary Newington	16792	11	5	2	2	1	-	-	-	1	-	-	-	-	-	-	-
Olave Southwark *H*	4373	-	11	1	1	-	-	-	-	-	-	-	-	-	-	-	10
John Horsleydown *W*	10500	6	4	3	-	-	-	-	-	1	-	-	-	-	1	1	-
ther Market	16787	16	9	4	-	-	1	-	-	-	-	-	-	1	-	1	-
Mary Magdalen *W*	15709	14	13	2	3	-	-	-	-	3	-	-	-	-	-	-	4
James Bermondsey	47933	60	23	9	4	-	-	-	1	2	-	-	-	1	-	-	-
herhithe *W*	27096	30	9	3	-	1	-	-	-	1	-	-	-	-	-	-	1
terloo-road 1st *H*	14074	15	7	1	-	-	-	-	-	3	-	-	-	-	-	-	1
terloo-road 2nd *H*	18465	17	8	4	1	-	-	-	-	1	-	-	-	-	-	-	-
nbeth Church 1st *H*	19492	18	12	-	3	-	-	-	-	-	-	-	-	1	1	1	5
nbeth Church 2nd *WW*	35883	26	17	6	2	-	-	1	1	-	-	-	-	-	-	-	5
nington 1st	41286	34	10	2	3	-	-	1	-	1	-	-	-	-	-	-	-
nington 2nd	31221	29	9	2	2	-	-	-	-	2	-	-	-	-	1	1	-
xton *w*	35435	44	24	4	2	1	-	-	-	2	3	3	-	-	-	-	7
wood *W*	12536	12	6	3	-	-	-	1	1	-	-	-	-	1	-	-	-
pham *H*	27347	29	9	2	-	-	4	-	-	1	-	-	-	-	-	-	-
tersea *Ww*	54016	73	32	14	4	-	3	-	-	6	-	-	-	-	1	3	2
ndsworth *HL*	19783	7	8	-	2	-	-	-	1	-	-	-	-	-	1	1	4
ney	9439	7	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-
eatham	14475	17	7	2	3	-	-	-	-	-	-	-	-	-	-	1	-
wich	4041	-	2	-	1	-	-	-	-	-	-	-	1	-	-	-	-
nberwell *WLtLt*†	31254	31	14	1	7	-	-	-	-	-	-	-	-	-	-	-	10
kham *W*	42160	44	26	3	5	1	1	1	-	6	-	-	-	-	-	-	-
George Camberwell	33851	38	14	5	1	-	-	-	-	1	-	1	-	-	-	1	-
Paul Deptford *w*	53714	51	25	4	2	5	-	2	-	-	-	-	-	1	-	-	5
Nicholas Deptford	6474	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
enwich West	21034	13	6	1	1	1	-	-	-	1	-	-	-	-	1	1	-
enwich East *WH*	19378	12	15	-	3	-	-	-	-	-	-	-	-	-	1	1	5
ham *H*	4539	3	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-
	16440	10	5	-	4	-	-	-	-	-	-	-	-	-	1	1	-
isham Village *WH*	11513	9	4	3	-	-	-	-	-	-	-	-	-	-	1	1	-
nham *H*	19065	25	8	4	3	-	-	-	-	-	-	-	-	-	-	-	-
lton *H*	9564	4	6	-	-	-	-	-	-	-	-	-	-	-	-	-	2
lwich Dockyard	17226	12	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-
lwich Arsenal *WHH*	18331	18	5	3	-	-	1	-	-	-	-	-	-	1	-	-	-
nstead West	13027	7	2	-	1	-	-	-	1	-	-	-	-	-	-	-	-
nstead East *W*	15232	21	5	1	2	-	-	-	-	-	-	-	-	-	1	-	2

following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by *w*:—

entral London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
ondon City Workhouse in Islington East sub-district.
olborn Infirmary " " ".
ondon City Workhouse " Hackney sub-district.
olborn " " Hoxton New Town sub-district.
hitechapel " " Mile End Old Town Eastern sub-dist.
London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 22nd June 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
	LONDON—OUTER RING	368,414	631,381	521	271	53	63	2	3	2	–	11	3	6	13	17
29 : 1	Carshalton *wL* - - -	12228	13523	12	–	–	1	–	–	–	–	–	–	–	–	–
2	Epsom (*part of*) * *WH* -	9971	9145	4	6	–	4	–	–	–	–	–	–	–	–	–
36 : 1	Godstone (*part of*) * - -	2754	900	1	–	–	–	–	–	–	–	–	–	–	–	–
37 : 1	Croydon *WWH* - - -	20851	71319	47	24	7	4	–	–	–	–	4	–	–	3	4
2	Mitcham *WH* - - -	11697	12534	16	2	–	–	–	–	–	–	–	–	–	–	–
38 : 1	Wimbledon *HH* - - -	3220	9087	10	6	2	1	–	–	–	–	–	–	–	–	–
2	Kingston *WH* - - -	8549	27489	23	7	1	1	–	–	–	–	–	–	–	–	–
3	Esher (*part of*) * - -	6601	7353	11	7	3	2	–	–	–	–	–	–	–	1	1
4	Hampton - - - -	4573	10185	10	3	–	–	–	–	–	–	–	1	–	–	–
39 : 1	Richmond *WH* - - -	2271	16829	10	7	–	5	–	–	–	–	–	–	–	–	–
2	Mortlake - - - -	2961	9316	5	2	–	–	–	–	–	–	–	–	–	–	–
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	25	12	6	–	–	–	–	–	–	–	2	–	–
2	Chislehurst (*part of*) * *W* -	13665	10028	8	2	–	1	–	–	–	–	–	–	–	–	–
41 : 1	Bexley *H* - - - -	13439	19566	16	9	–	2	–	–	–	–	–	1	–	1	1
123 : 1	Sunbury *W* - - -	11055	9860	8	2	–	1	–	–	–	–	–	–	–	1	1
2	Staines *W* - - - -	13277	10339	2	5	1	1	–	–	–	–	–	–	–	–	–
124 : 1	Hillingdon *WH* - - -	6029	9712	8	1	1	–	–	–	–	–	–	–	–	–	–
2	Uxbridge - - - -	6178	5329	2	2	2	–	–	–	–	–	1	–	–	–	–
3	Hayes *WL* - - - -	14587	10497	4	4	–	–	–	–	–	–	–	–	–	–	–
125 : 1	Isleworth *W* - - -	7008	19930	10	8	1	5	–	–	–	–	–	–	–	–	2
2	Twickenham - - -	2477	10533	4	6	–	2	–	1	–	–	–	–	–	–	–
3	Brentford *HL* - - -	4370	20279	7	7	2	2	–	–	–	–	1	–	–	–	–
4	Chiswick - - - -	1311	8508	4	6	–	–	–	–	–	–	–	–	1	–	–
5	Acton *WH* - - - -	6087	12683	8	4	2	1	–	–	–	–	–	–	1	–	–
126 : 1	Harrow *H* - - - -	13809	10869	8	3	1	–	–	–	–	–	–	–	1	–	–
2	Edgware *H* - - -	6994	3450	2	1	–	1	–	–	–	–	–	–	1	–	–
3	Willesden - - - -	4383	15869	15	14	4	2	–	–	–	–	3	–	–	–	–
4	Hendon *WH* - - -	8382	6972	4	5	2	1	–	–	–	–	–	–	–	–	–
127 : 1	South Mimms - - -	15419	5924	2	1	–	–	–	–	–	–	–	–	–	–	–
2	Barnet *W* - - - -	5423	7752	3	4	–	2	1	1	–	–	–	–	–	–	–
3	Finchley *L* - - - -	4688	11493	11	11	2	2	–	–	–	–	–	–	–	–	–
128 : 1	Hornsey *H* - - - -	3039	19357	24	6	2	–	–	–	–	–	–	–	–	–	–
2	Tottenham *H* - - -	4642	22869	28	7	1	1	–	–	1	–	–	–	–	1	1
3	Edmonton *WW* - - -	7483	13860	12	5	–	2	–	–	–	–	–	–	–	1	1
4	Enfield *WH* - - -	12653	16054	9	5	–	1	–	–	1	–	–	–	–	–	–
5	Waltham Abbey - - -	11017	5197	6	1	–	–	–	–	–	–	–	–	–	1	1
6	Cheshunt - - - -	8493	7518	7	3	–	1	–	–	–	–	–	–	–	–	–
134 : 1	Hatfield (*part of*) * - -	3180	559	–	–	–	–	–	–	–	–	–	–	–	–	–
136 : 1	Bushey - - - -	9028	6472	2	1	–	–	–	–	–	–	–	–	–	–	–
185 : 1	Stratford - - - -	882	23286	23	12	2	4	1	–	–	–	–	–	–	–	–
2	West Ham *WWWW* - -	7345	44642	58	26	8	4	–	1	–	–	2	1	–	2	2
3	Leyton *WW* - - -	4274	15513	18	11	1	4	–	–	–	–	–	–	–	1	1
4	Walthamstow *H* - -	6619	15701	16	11	2	3	–	–	–	–	–	–	–	1	1
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	3	4	–	–	–	–	–	–	–	–	–	–	–
188 :	Romford (*part of*) * - -	6730	2879	3	1	–	1	–	–	–	–	–	–	–	–	–
2	Ilford - - - - -	8492	5947	6	2	–	–	–	–	–	–	–	–	–	–	1
3	Barking Town - - -	4128	6576	6	2	–	1	–	–	–	–	–	–	–	–	–

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Godst sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 2 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoidon- (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 22nd June 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	
GREATER LONDON	446,494	4,450,015	19·5	2·8	1662	381	304	21	20	19	12	119	22	29	61	288
INNER LONDON -	78,080	3,577,304	20·3	3·1	1391	328	241	19	17	17	12	108	19	23	48	257
OUTER RING -	368,414	872,711	16·2	1·6	271	53	63	2	3	2	–	11	3	6	13	31

NOTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal 697·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than miles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,759,796 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	May	18	–	–	–	—
BOMBAY - -	644,405	„	21	–	504	40·7	Small-pox 12; cholera 21.
MADRAS - -	397,552	April	19	252	274	35·8	Small-pox 10.
		„	26	239	292	38·2	Small-pox 6.
PARIS - - -	1,988,806	June	20	–	830	21·7	Typhoid fever 8; diphtheria 20; croup 12.
GENEVA - -	68,792	„	15	39	27	20·5	—
BRUSSELS - -	175,782	„	8	113	94	27·9	—
AMSTERDAM -	302,266	„	8	207	135	25·3	Typhus and typhoid fever 4.
ROTTERDAM -	142,585	„	8	94	73	26·6	—
THE HAGUE -	107,896	„	8	66	46	22·1	—
COPENHAGEN -	220,000	„	11	147	95	22·5	Diphtheria 2.
STOCKHOLM -	146,845	„	8	–	57	19·4	—
CHRISTIANIA -	105,000	„	15	74	29	14·1	—
ST. PETERSBURGH	669,741*	„	8	–	622	48·2	Small-pox 21; typhus and typhoid fever 89.
BERLIN - -	1,019,620	„	1	735	732	37·0	Scarlet fever 17; diphtheria 21.
HAMBURG (State)	406,604	„	8	294	192	24·7	Whooping-cough 6; typhus & typhd. fev. 3.
DRESDEN - -	207,845	„	8	129	88	22·0	—
BRESLAU - -	267,000	„	15	220	166	32·3	—
MUNICH - -	222,000	„	15	203	168	39·0	Diphtheria and croup 9.
VIENNA - -	727,271	„	15	509	438	31·3	Small-pox 9; diphtheria 14; scarlet fever 7.
BUDA-PESTH -	319,530	„	8	248	226	36·8	Small-pox 6; scarlet fev. 8; diphtheria 7.
ROME - - -	282,214	May	11	–	–	–	—
NAPLES - -	457,407	„	20	–	272	31·0	Typhus and typhoid fev. 5; diphtheria 4.
TURIN - -	227,843	June	8	127	136	31·1	Small-pox 4; typhus and typhoid fever 9.
VENICE - -	139,796	„	15	83	81	30·2	Diphtheria and croup 5.
ALEXANDRIA -	212,034	„	6	155	170	41·8	Whooping-cough 7.
NEW YORK -	1,084,528	May	25	–	439	21·1	Scarlet fever 15; diphtheria 16.
BROOKLYN -	549,438	„	18	–	195	18·5	Scarlet fever 6; diphtheria 7.
PHILADELPHIA	876,118	June	1	–	248	14·8	Scarlet fever 13; diphtheria 7.
BOSTON - -	363,000	May	11	–	–	–	—

* The rate of mortality in St. Petersburgh is calculated on the population enumerated at the last Census in 1869, and is thus probably overstated, as the population of the city is said to have increased in a remarkable manner since that date.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 22nd JUNE, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Difference. Between Dew Point Temperature and Air Temperature. Greatest.	Difference. Between Dew Point Temperature and Air Temperature. Least.	Difference. Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. Osler's. General Direction. P.M.	Wind. Osler's. Pressure on square foot. Greatest.	Wind. Osler's. Pressure on square foot. Least.	Wind. Osler's. Pressure on square foot. Mean of 24 Obs.	Wind. Robinson's. Amount of Horizontal Movement of Air each day.	Wind. Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
JUNE.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN.	16	..	29·636	64·4	47·7	16·7	53·8	51·2	111·2	43·6	61·1	58·8	2·6	13·5	0·0	− 5·3	91	WSW. & W.	WSW.	0·5	0·0	0·0	142	−116	0·98	4·3
MON.	17	..	29·691	64·1	47·4	16·7	55·0	48·8	100·3	42·0	60·8	58·3	6·2	15·0	0·6	− 4·3	80	ENE. & Calm	SW. & WSW.	0·0	0·0	0·0	92	−156	0·01	0·0
TUES.	18	..	29·738	70·9	50·3	20·6	57·9	52·2	132·9	47·1	61·3	58·9	5·7	16·6	0·6	− 1·6	81	WSW.	W. & WSW.	0·3	0·0	0·0	153	− 87	0·00	0·0
WED.	19	..	29·809	66·3	46·7	19·6	56·1	51·7	103·0	42·2	60·8	58·8	4·4	13·3	0·0	− 3·6	85	SW. & Calm	Calm	0·0	0·0	0·0	96	−136	0·00	0·0
THURS.	20	..	29·892	75·2	45·9	29·3	60·3	49·5	132·7	40·7	61·3	59·5	10·8	22·3	0·0	+ 0·4	68	Calm	W. & SW.	0·7	0·0	0·0	136	− 90	0·00	4·7
FRI.	21	..	29·961	77·9	47·3	30·6	63·3	50·7	142·0	41·6	61·8	60·3	12·6	22·6	0·8	+ 3·2	64	SSW.	SSW.	0·7	0·0	0·0	222	− 0	0·00	2·8
SAT.	22	In Equator Apogee. Last Qr.	30·001	80·1	51·0	29·1	66·6	52·4	141·9	46·3	62·3	60·3	14·2	24·3	0·8	+ 6·2	61	SW.	SW.	0·0	0·0	0·0	141	− 79	0·00	1·5
MEANS		..	29·818	71·3	48·0	23·2	59·0	50·9	123·4	43·4	61·3	59·3	8·1	18·2	0·4	− 0·7	76	SW.		..	..	..	Sum 982	Sum −664	Sum 0·99	1·9
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. JUNE.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY	16	The electrical apparatus was not in action throughout the week.	0·5	16·5	Cloudy throughout. Rain fell heavily in the early morning hours; slight thunderstorm occurred in the afternoon, and heavy rain fell also in evening.
MONDAY	17		0·8	16·6	Overcast generally. Showery in afternoon.
TUESDAY	18		4·0	16·6	Cloudy. Light showers in afternoon; lightning and distant thunder at night.
WEDNESDAY	19		4·2	16·6	Very misty in morning; cloudy till evening; clear at night.
THURSDAY	20		10·6	16·6	Fine; partially cloudy till evening; cloudless at night.
FRIDAY	21		12·2	16·6	Very fine. The amount of cloud was generally small.
SATURDAY	22		10·1	16·6	Fine. Partially cloudy.
..		..	Sum 42·4	Sum 116·1	
No. of Col.		28	29	30	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and − "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Sir E. Y. W. Henderson, R.E., K.C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29·69 in. at the beginning of the week to 29·63 in. by 3h. P.M. on the 16th; incr[illegible] to 30·03 in. by 9h. A.M. on the 22nd; and was 29·97 in. at the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

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United Kingdom.

During last week 5739 *births* and 3870 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality from all causes was at the average rate of 24 deaths annually in every 1000 persons living. The annual death-rate was 20 per 1000 in Edinburgh, 27 in Glasgow, and 30 in Dublin ; small-pox caused 27 deaths in Dublin against 19, 18, and 13 in the three preceding weeks.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow :—Plymouth 12, Brighton 18, Wolverhampton 20, Nottingham 21, Bristol 21, Oldham 21, Bradford 22, Norwich 22, Salford 22, Birmingham 23, London 23, Leicester 25, Hull 25, Leeds 25, Sheffield 25, Newcastle 26, Portsmouth 27, Manchester 29, Liverpool 29, and again the highest rate 32 in Sunderland. The annual death-rate from the seven principal zymotic diseases averaged 4·1 per 1000 in the twenty towns, and ranged from 0·5 in Brighton, to 6·8 and 8·8 in Sheffield and Sunderland. Scarlet fever was the most fatal zymotic disease in Sheffield, and measles and whooping-cough are fatally prevalent in Sunderland. Small-pox caused 39 deaths in London and its suburban districts, but not one in any of the nineteen large provincial towns.

The fatal cases of diarrhœa in the twenty towns rose to 133 last week, from 54 and 56 in the two preceding weeks; the annual death-rate from this disease averaged one per 1000 in these towns, and was highest, 2·6 per 1000, in Leicester.

London.

In London 2266 births and 1570 deaths were registered. Allowing for increase of population, the births were 72 below, whereas the deaths exceeded by 208, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 19·0 and 20·3, further rose last week, probably influenced by the heat, to 22·9.

The 1570 deaths included 38 from small-pox, 24 from measles, 23 from scarlet fever, 7 from diphtheria, 97 from whooping-cough, 19 from different forms of fever, and 72 from diarrhœa; thus to the seven principal diseases of the zymotic class 280 deaths were referred, against 285, 220, and 215 in the three preceding weeks. These 280 deaths were 2 above the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 4·1 per 1000. The 97 fatal cases of whooping-cough showed a further decline of 11 from the numbers returned in recent weeks, but were nearly double the corrected average weekly number ; the fatality of the disease was again excessive in Kensington, Pancras, Islington, Mile End Old Town, and Battersea. The deaths from measles and scarlet fever, although still considerably below the average, exceeded the numbers in recent weeks ; measles caused 4 deaths in St. Giles, and scarlet fever 6 in Pancras. The 7 fatal cases of diphtheria, showing a further decline from the numbers in recent weeks, included 2 in Hammersmith. The 19 deaths referred to fever corresponded with the number in the previous week, and were 8 below the corrected average; 5 fatal cases were certfied as typhus, 10 as enteric or typhoid, and 4 as simple continued fever. The 5 deceased typhus patients had resided at :—1, George Street, Spitalfields ; 35, Kinglake Street, Newington (certified as cerebro-spinal fever); 93, Windsor Terrace, Southwark ; 11, Smith's Place, Bermondsey ; and 52, Hall Street, Bermondsey. Four of the 5 deaths from typhus occurred in hospital.

The deaths referred to diarrhœa, which had been but 21 and 23 in the two preceding weeks, rose last week, under the influence of the high temperature, to 72, but were 11 below the corrected average number in the corresponding week of the last ten years. These 72 fatal cases of diarrhœa included 54 of infants under one year of age, and 10 of children aged between one and five years. The rate of mortality

from this cause was greatest in South London. Six deaths were also referred to simple cholera, including four of young children and two of adults.

The deaths from small-pox, which had steadily declined from 80 to 19 in the ten previous weeks, rose again to 38 last week; 22 occurred in the Metropolitan Asylum Hospitals, one in the Highgate Small-pox Hospital, one in the Hospital for Nervous Diseases, and 14 in private dwelling-houses. Seven of the deceased small-pox patients had resided in Greenwich and Deptford, 4 in St. George-in-the-East, and 3 in Camberwell. Four deaths from small-pox (all of children aged between one and 13 years) were recorded at 18 and 20, Batty Street, St. George-in-the-East; they were all "not stated" as to vaccination Of the 38 fatal cases of small-pox, 14 were certified as unvaccinated, and 12 as vaccinated; in the 12 remaining cases (of which 9 occurred in private practice) the certifying medical practitioners omitted to give any information as to vaccination. The Metropolitan Asylum Hospitals contained 445 small-pox patients on Saturday last, against numbers declining from 854 to 483 in the ten preceding weeks; 77 new cases were admitted last week.

Last week was the hottest in London since that ending 19th August 1876. The mean highest daily reading, in the sun, during the week of a self-registering thermometer (with a blackened bulb in vacuo) placed upon the grass at the Royal Observatory, Greenwich, was 141°·3, the highest reading being 147°·0 on Monday. There were 73·9 hours of registered sunshine, the sun being above the horizon 115·8 hours. The mean temperature of the water of the Thames, which had been 60°·6 and 60°·3 in the two previous weeks, rose last week to 65°·1. The three following fatal cases of sunstroke were registered:—the son of a doll-maker, aged 15 years, in Paddington; the son of a type founder, aged 2 years, in Bow; and a labourer, aged 63 years, in Lewisham.

Different forms of violence caused 46 deaths; 41 were the result of negligence or accident, including 16 from fractures and contusions, 2 from burns and scalds, 8 from drowning, 2 from poison, and 8 of infants under one year of age from suffocation. The 16 deaths from fractures and contusions were thus caused:—females aged 3 and 13 years, run over by carts; male 36, fell from cart; male 27, fell from omnibus; female 60, fell from tram-car; male 6, knocked down by horse; female 37, fell down stairs; female 4, fell from window; female 5, fell into area; male 6, fell from railings; male 59, crushed by mortar machine; male 52, crushed by tree falling upon him; male 58, fractured spine; male 42, fractured pelvis; and females 1 and 65, fractured ribs. An inquest was held in each of these cases except the last two, which were certified by registered medical practitioners.

Greater London.

In the Greater London 2791 births and 1827 deaths were registered, equal to annual rates of 32·7 and 21·4 per 1000 of the population. In the Outer Ring, small-pox caused a death in Stratford, and scarlet fever 3 deaths in Croydon.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 38, Madras 37; Paris 23; Geneva 23; Brussels 22; Amsterdam 27, Rotterdam 22, The Hague 27; Copenhagen 20; Stockholm 24; Christiania 16; St. Petersburgh 45; Berlin 34, Hamburg 27, Dresden 24, Breslau 28, Munich 38; Vienna 33, Buda-Pesth 46; Rome 27, Turin 28, Venice 23; Alexandria 36; New York 22, Brooklyn 18, Philadelphia 17, and Baltimore 21.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·88 in.; the highest reading was 30·03 in. on Wednesday morning, and the lowest 29·62 in. at the end of the week. The mean temperature of the *air* was 70°·7, and 9°·6 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed a marked excess on each day of the week, the hottest days being Wednesday and Thursday, on each of which the mean was equal to 73°·3, and was 12°·0 above the average. The lowest night temperature was 54°·5 on Sunday and Saturday, and the highest day temperature in the shade 85°·8 on Wednesday; the extreme range in the week was, therefore, 31°·3. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 147°·0 on Monday. The difference between the mean *dew-point* and *air* temperature averaged 13°·5. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 65°·1. The mean degree of *humidity* of the air was 63, complete saturation being represented by 100; the air was therefore dry. The direction of the *wind* was variable, and the horizontal movement of the air averaged 7·5 miles per hour, which was 2·5 below the average in the corresponding week of 16 years. *Rain* fell on Sunday only, to the aggregate amount of 0·61 of an inch. The duration of registered sunshine in the week was 73·9 hours, the sun being above the horizon during 115·8 hours; the recorded duration of sunshine was, therefore, equal to 64 per cent. of its possible duration.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 29th June, 1878.

CITIES AND BOROUGHS. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 29th June, 1878.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
In 23 TOWNS in the UNITED KINGDOM	220,845	8,373,953	37·9	5739	3870	92·4	49·0	67·9	19·94	0·28	0·71
LONDON	75,362	3,577,304	47·5	2266	1570	85·8	54·5	70·7	21·50	0·61	1·55
BRIGHTON	2,354	103,923	44·1	56	36	81·0	56·1	67·7	19·83	0·42	1·07
PORTSMOUTH	4,486	129,461	28·9	82	63	–	–	–	–	–	–
NORWICH	7,472	84,620	11·3	41	36	87·0	56·0	69·1	20·62	0·04	0·10
PLYMOUTH	1,395	73,599	52·8	44	17	82·0	53·5	64·5	18·06	0·05	0·13
BRISTOL	4,452	206,419	46·4	126	83	92·4	54·0	69·7	20·95	0·11	0·28
WOLVERHAMPTON	3,396	74,240	21·9	62	29	87·0	54·1	68·0	20·00	0·67	1·70
BIRMINGHAM	8,400	383,117	45·6	270	166	–	–	–	–	–	–
LEICESTER	3,200	121,473	38·0	75	58	87·8	54·0	69·6	20·90	0·14	0·36
NOTTINGHAM	9,960	165,267	16·6	121	66	88·5	53·2	69·4	20·78	0·31	0·79
LIVERPOOL	5,210	532,681	102·2	392	297	85·0	54·8	66·0	18·89	0·01	0·03
MANCHESTER	4,293	360,514	84·0	289	200	–	–	–	–	–	–
SALFORD	5,170	170,251	32·9	141	73	89·1	52·1	68·5	20·28	0·03	0·08
OLDHAM	4,666	107,366	23·0	79	44	–	–	–	–	–	–
BRADFORD	7,220	185,088	25·6	128	78	87·8	54·0	67·5	19·72	0·00	0·00
LEEDS	21,572	304,948	14·1	225	148	88·0	55·0	68·2	20·11	0·72	1·83
SHEFFIELD	19,651	289,537	14·7	210	141	87·0	53·0	67·5	19·72	0·00	0·00
HULL	3,635	143,139	39·4	128	69	–	–	–	–	–	–
SUNDERLAND	3,306	112,459	34·0	110	68	–	–	–	–	–	–
NEWCASTLE-ON-TYNE	5,371	144,570	26·9	92	71	–	–	–	–	–	–
EDINBURGH	4,191	222,371	53·1	149	84	–	–	–	–	–	–
GLASGOW	6,033	566,940	94·0	403	290	–	–	–	–	–	–
DUBLIN	10,050	314,666	31·3	250	178	79·4	49·0	64·0	17·78	0·80	2·03

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.
† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday the 29th June, 1878.

BOROUGHS, &c. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
				Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.		
In 20 TOWNS	23·8	4·1	3318	825	636	38	64	111	12	162	56	133	99	162	533
LONDON	22·9	4·1	1570	392	310	38	24	23	7	97	19	72	46	76	308
BRIGHTON	18·1	0·5	36	5	10	–	1	–	–	–	–	–	4	4	8
PORTSMOUTH	27·4	4·4	68	9	17	–	–	–	–	3	6	2	1	2	6
NORWICH	22·2	1·8	36	7	11	–	–	–	–	3	–	–	–	5	5
PLYMOUTH	12·0	2·1	17	2	4	–	–	–	–	1	–	2	–	–	1
BRISTOL	21·0	2·3	83	17	24	–	–	–	–	1	2	6	6	7	14
WOLVERHAMPTON	20·4	2·8	29	8	8	–	–	–	–	2	–	2	–	–	9
BIRMINGHAM	22·6	6·3	166	49	30	–	1	16	3	10	7	9	7	10	20
LEICESTER	24·9	5·2	58	27	9	–	4	–	–	1	1	6	–	6	5
NOTTINGHAM	20·8	2·5	66	21	16	–	–	3	–	1	2	2	2	4	7
LIVERPOOL	29·1	4·4	297	82	44	–	10	13	–	6	7	9	10	12	46
MANCHESTER	28·9	3·8	200	45	26	–	7	8	–	4	4	3	6	14	47
SALFORD	22·4	1·8	73	16	11	–	–	1	–	3	–	2	2	2	9
OLDHAM	21·4	5·3	44	11	7	–	1	10	–	–	–	–	1	1	1
BRADFORD	22·0	2·3	78	27	17	–	1	2	–	3	1	1	–	2	5
LEEDS	25·3	4·3	148	33	30	–	5	6	1	9	2	2	4	6	16
SHEFFIELD	25·4	6·8	141	28	21	–	–	23	–	7	2	6	4	5	10
HULL	25·2	2·2	69	12	15	–	–	–	–	3	–	3	1	2	6
SUNDERLAND	31·6	8·8	68	18	12	–	9	2	–	7	–	1	2	1	6
NEWCASTLE-ON-TYNE	25·6	5·4	71	16	14	–	1	4	1	1	3	5	3	3	4
DUBLIN	29·5	7·8	178	29	36	27	2	1	1	6	6	4	3	1	71

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the TWENTY-SIXTH Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2169	2019	2213	2160	2147	2105	2244	2115	2387	2291	2185·0	2266
Males . .	1122	1046	1129	1099	1079	1078	1191	1079	1208	1129	1116·0	1167
Females .	1047	973	1084	1061	1068	1027	1053	1036	1179	1162	1069·0	1099
TOTAL **Deaths**	1454	1231	1359	1328	1070	1129	1336	1348	1175	1300	1273·0	1570
Males . .	767	654	693	678	580	578	679	725	621	694	666·9	778
Females .	687	577	666	650	490	551	657	623	554	606	606·1	792

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.	May 4.	May 11.	May 18.	May 25.	June 1.	Jun 8.	June 15.	June 22.	June 29.
TOTAL **Deaths** - - -	1877	1895	1773	1661	1545	1383	1380	1381	1419	1481	1300	1391	1570
0—20 - -	900	954	899	876	775	709	670	707	761	773	684	687	782
20—40 - -	230	234	241	218	235	213	194	192	218	178	181	203	218
40—60 - -	346	293	279	286	240	215	258	225	212	254	190	260	260
60—80 - -	323	343	295	232	252	206	215	208	183	240	210	210	252
at 80 years & upwds.	78	71	59	49	43	40	43	49	45	36	35	31	58
Deaths of children: Under 1 year -	381	415	379	394	371	306	303	317	346	353	341	328	392
Deaths of children: 1—5 - - -	402	403	375	357	286	296	261	274	295	296	250	266	284
Deaths of children: 5—20 - -	117	136	145	125	118	107	106	116	120	124	93	93	106
Deaths from 7 principal Zymotic Diseases	319	346	323	305	295	245	259	246	276	285	220	215	280
" " Smallpox - -	55	58	80	63	60	48	48	43	40	42	24	19	38
" " Measles - -	30	40	31	38	29	33	28	14	15	18	20	17	24
" " Scarlet Fever -	42	36	37	22	27	24	26	17	17	27	24	17	23
" " Diphtheria -	8	9	8	11	10	9	12	20	17	16	8	12	7
" " Whooping-cough	146	157	123	136	117	110	102	116	152	135	101	108	97
" " Typhus fever -	4	4	3	3	5	1	3	2	4	2	2	3	5
" " Enteric (or Typhoid) fever -	20	23	14	15	19	8	16	15	11	15	14	11	10
" " Simple Contd fever	5	5	9	6	5	5	3	3	–	5	6	5	4
" " Diarrhœa - -	9	14	18	11	23	7	21	16	20	25	21	23	72
" " Simple Cholera -	–	1	–	–	1	–	–	–	–	–	–	–	6
" " Dis. of Respiratory Organs -	474	497	398	345	284	225	199	204	206	270	200	204	236
" " Phthisis - -	208	182	188	174	189	139	171	151	208	162	169	192	187
" " Heart Diseases -	111	106	88	71	70	74	79	77	69	91	71	95	105
Violent Deaths - - -	39	49	75	64	60	66	75	59	55	59	49	48	46
Inquest Cases - - -	102	99	124	100	101	96	109	85	92	94	76	86	76
Deaths in Public Institutions	358	333	360	334	307	264	274	298	280	283	236	257	308
TEMPERATURE OF THE AIR:													
Mean - - - -	40°·4	46°·0	51°·5	51°·2	55°·5	56°·7	58°·0	51°·8	52°·7	57°·1	55°·7	59°·0	70°·7
Mean of Highest readings -	50·3	54·1	61·0	61·6	66·5	66·6	67·6	62·2	62·4	68·0	64·6	71·3	82·8
Mean of Lowest readings -	31·8	38·0	44·4	44·0	47·0	48·3	50·7	44·2	45·5	48·1	49·1	48·0	57·9
Mean Temperature of the Water of the Thames -	41·4	44·7	50·0	53·5	55·7	58·7	60·9	59·7	58·3	58·5	60·6	60·3	65·1
Humidity of the Air - -	78	75	85	80	77	79	75	77	81	79	77	76	63
Rain-fall in inches - -	0·38	2·85	0·73	0·20	0·66	2·10	0·63	0·81	0·39	0·80	1·28	0·99	0·61
Registered Sunshine (in hours)	34·6	45·4	17·9	40·6	35·8	33·5	48·3	36·4	29·3	25·3	39·8	42·4	73·9

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-SIXTH Week of the Year 1878.

CAUSES OF DEATH.	Average in the Twenty-sixth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, June 29, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
Mean Temperature -	60°·3	70°·7							
ALL CAUSES - -	1273·0	1570	392	284	106	218	260	252	58
SPECIFIED CAUSES	1263·1	1569	391	284	106	218	260	252	58
I. ZYMOTIC.									
ORDER 1.									
1. Small-pox - - -	35·4	38	3	3	15	14	2	1	-
2. Measles - - -	32·2	24	8	15	1	-	-	-	-
3. Scarlet Fever - -	37·0	23	-	15	8	-	-		-
4. Diphtheria - -	6·1	7	-	5	2	-	-	-	-
5. Quinsy - - -	1·0	1	-	1	-	-	-	-	-
6. Croup - - -	8·8	7	3	4	-	-	-	-	-
7. Whooping-cough -	45·8	97	39	55	3	-	-	-	-
8. Typhus - - -	25·2 (Enteric or Typhoid Fev.)	5	-	-	-	4	1	-	-
— Enteric or Typhoid Fev.		10	-	3	3	3	-	1	-
— Simple continued Fev.		4	1	1	1	-	-	1	-
9. Erysipelas - -	7·4	5	3	-	-	-	1	1	-
10. Puerperal Fev. (Metria)	3·1	4	-	-	-	3	1	-	-
11. Carbuncle - -	·5	1	-	-	1	-	-	-	-
12. Influenza - - -	—	-	-	-	-	-	-	-	-
13. Dysentery - -	1·6	-	-	-	-	-	-	-	-
14. Diarrhœa - - -	78·0	72	54	10	1	1	1	4	1
15. Simple Cholera - -	5·3	6	3	1	-	1	1	-	-
16. Ague - - - -	·1	-	-	-	-	-	-	-	-
17. Remittent Fever -	·3	-	-	-	-	-	-	-	-
18. Rheumatism - -	7·8	6	-	-	-	3	-	2	1
19. Other *Zymotic* Diseases	·8	-	-	-	-	-	-	-	-
ORDER 2.									
1. Syphilis - - -	7·7	11	10	-	1	-	-	-	-
2. Stricture of Urethra -	1·1	1	-	-	-	-	-	1	-
3. Hydrophobia - -	—	-	-	-	-	-	-	-	-
4. Glanders - - -	—	-	-	-	-	-	-	-	-
ORDER 3.									
1. Privation - - -	—	-	-	-	-	-	-	-	-
2. Want of Breast-milk	8·6	5	5	-	-	-	-	-	-
3. Purpura and Scurvy -	2·3	5	-	4	-	-	1	-	-
4. Alcoholism { *a* Del. Tremens	2·1	3	-	-	-	2	-	1	-
{ *b* Intemperance	1·6	5	-	-	-	1	3	1	-
ORDER 4.									
1. Thrush - - -	4·3	3	3	-	-	-	-	-	-
2. Worms, &c. - -	·1	-	-	-	-	-	-	-	-
II. CONSTITUTIONAL.									
ORDER 1.									
1. Gout - - - -	2·3	1	-	-	-	-	-	1	-
2. Dropsy - - -	9·5	6	-	1	-	-	1	3	1
3. Cancer - - -	35·3	43	-	-	-	6	21	14	2
4. Cancrum Oris (Noma)	·4	-	-	-	-	-	-	-	-
5. Mortification - -	2·8	5	-	-	-	-	1	2	2
ORDER 2.									
1. Scrofula - - -	10·3	9	1	8	-	-	-	-	-
2. Tabes Mesenterica -	25·0	31	12	17	2	-	-	-	-
3. Phthisis - - -	160·4	187	5	8	15	98	52	9	-
4. Hydrocephalus - -	28·3	40	13	20	7	-	-	-	-
III. LOCAL.									
ORDER 1.									
1. Cephalitis - - -	19·0	21	4	9	2	5	1	-	-
2. Apoplexy - - -	38·4	56	3	1	2	4	14	30	2
3. Paralysis - - -	25·3	37	-	-	-	1	11	22	3
4. Insanity - - -	2·2	2	-	-	-	-	1	1	-
5. Chorea - - -	·2	-	-	-	-	-	-	-	-
6. Epilepsy - - -	7·7	9	-	1	3	2	2	1	-
7. Convulsions - -	44·1	63	49	13	1	-	-	-	-
8. *Brain Disease, &c.* -	17·2	24	3	-	3	2	7	6	3
ORDER 2.									
1. Pericarditis - -	2·2	1	-	-	-	-	-	1	-
2. Aneurism - - -	2·3	1	-	-	-	-	1	-	-
3. *Heart Disease, &c.* -	60·5	103	-	1	7	28	33	32	2
ORDER 3.									
1. Laryngitis - - -	5·5	7	1	3	1	1	1	-	-
2. Bronchitis - - -	78·4	111	24	19	1	1	24	32	10
3. Pleurisy - - -	3·3	4	-	1	-	-	1	2	-
4. Pneumonia - -	52·2	82	22	23	5	5	16	9	2
5. Asthma - - -	5·9	7	-	-	-	1	5	1	-
6. *Lung Disease, &c.* -	13·0	25	9	8	-	4	2	1	1

CAUSES OF DEATH.	Average in the Twenty-sixth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, June 29, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
Mean Temperature -	60°·3	70°·7							
ORDER 4.									
1. Gastritis - - -	2·0	2	-	-	1	-	-	1	-
2. Enteritis - - -	5·6	7	5	-	2	-	-	-	-
3. Peritonitis - - -	4·7	4	-	1	-	2	1	-	-
4. Ascites - - -	2·0	1	-	-	-	1	-	-	-
5. Ulceration of Intestines	2·6	4	1	-	-	-	2	1	-
6. Hernia - - -	4·8	1	-	-	-	-	1	-	-
7. Ileus - - - -	2·7	3	1	-	-	-	-	2	-
8. Intussusception -	1·3	2	2	-	-	-	-	-	-
9. Stricture of Intestines	1·1	1	-	-	-	-	-	1	-
10. Fistula - - -	·5	-	-	-	-	-	-	-	-
11. *Stomach Disease, &c.* -	6·5	11	-	-	-	3	3	5	-
12. *Pancreas Disease, &c.*	—	-	-	-	-	-	-	-	-
13. Hepatitis - - -	4·8	2	-	-	-	-	2	-	-
14. Jaundice - - -	4·2	6	4	-	-	-	-	2	-
15. *Liver Disease, &c.* -	16·8	29	1	1	-	4	16	7	-
16. *Spleen Disease, &c.* -	·6	2	1	-	-	-	1	-	-
ORDER 5.									
1. Nephritis - - -	1·3	8	1	2	-	1	1	3	-
2. Ischuria - - -	·4	-	-	-	-	-	-	-	-
3. Bright's Dis. (Nephria)	9·9	15	-	1	-	3	6	5	-
4. Diabetes - - -	1·8	1	-	-	-	-	-	1	-
5. Calculus (Stone) -	·5	-	-	-	-	-	-	-	-
6. Cystitis - - -	·9	3	-	-	-	1	1	-	1
7. *Kidney Disease, &c.* -	7·8	11	-	-	1	3	4	3	-
ORDER 6.									
1. Ovarian Dropsy -	·4	2	-	-	-	1	-	1	-
2. *Uterus Disease, &c.* -	3·7	6	-	-	-	-	4	2	-
ORDER 7.									
1. Synovitis (Arthritis)	·3	1	-	-	-	1	-	-	-
2. *Joint Disease, &c.* -	5·4	9	1	1	6	-	-	1	-
ORDER 8.									
1. Phlegmon - - -	2·2	-	-	-	-	-	-	-	-
2. Ulcer - - - -	1·3	1	-	-	-	-	1	-	-
3. *Skin Disease, &c.* -	1·1	5	5	-	-	-	-	-	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth -	20·7	26	26	-	-	-	-	-	-
2. Cyanosis - - -	2·6	2	2	-	-	-	-	-	-
3. Spina Bifida - -	1·1	1	1	-	-	-	-	-	-
4. Other Malformations	2·2	3	3	-	-	-	-	-	-
5. Teething - - -	12·9	26	13	13	-	-	-	-	-
ORDER 2.									
1. Paramenia - - -	·1	2	-	-	1	-	1	-	-
2. Childbirth (*see* Puerperal Fever) - -	5·2	2	-	-	-	2	-	-	-
ORDER 3.									
1. Old Age - - -	35·5	53	-	-	-	-	-	26	27
ORDER 4.									
1. Atrophy and Debility	60·0	53	38	7	1	-	1	6	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	18·4	16	-	3	4	3	4	2	-
2. Wounds { Gunshot	·9	-	-	-	-	-	-	-	-
{ Cut, Stab		-	-	-	-	-	-	-	-
3. Burns and Scalds -	2·4	2	-	2	-	-	-	-	-
4. Poison - - -	1·1	2	-	1	-	-	1	-	-
5. Drowning - - -	8·6	8	-	-	4	2	1	1	-
6. Suffocation - -	6·2	9	8	1	-	-	-	-	-
7. Otherwise - - -	3·1	4	-	1	1	-	1	1	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	2·6	-	-	-	-	-	-	-	-
ORDER 4. SUICIDE.)									
1 Wounds { Gunshot -	·1	-	-	-	-	-	-	-	-
{ Cut, Stab -	1·3	1	-	-	-	-	1	-	-
2. Poison - - -	1·3	1	-	-	-	1	-	-	-
3. Drowning - - -	1·4	1	-	-	-	-	-	1	-
4. Hanging - - -	1·9	1	-	-	-	-	1	-	-
5. Otherwise - - -	·3	1	-	-	-	-	1	-	-
ORDER 5. (EXECUTION.)									
1. Hanging - - -	·1	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - -	·3	-	-	-	-	-	-	-	-
Causes not specified or ill-defined - -	9·6	1	1	-	-	-	-	-	-

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age.	Deaths of Persons aged 60 Years & upwds.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions
LONDON	3,254,260	2266	1570	392	310	38	24	23	7	97	5	10	4	72	46	76	308
WEST DISTRICTS	561,359	343	309	74	69	4	5	2	3	14	-	3	-	15	8	13	65
NORTH DISTRICTS	751,729	509	351	90	78	8	8	10	1	25	1	3	-	12	9	16	60
CENTRAL DISTRICTS	334,369	167	132	29	16	-	5	2	1	17	-	-	-	3	3	9	23
EAST DISTRICTS	639,111	471	300	76	54	7	-	7	-	14	-	1	2	13	13	20	71
SOUTH DISTRICTS	967,692	776	478	123	93	19	6	2	2	27	4	3	2	29	13	18	89
WEST DISTRICTS.																	
St. Mary Paddington *WH*	58728	39	28	8	8	-	1	-	-	1	-	1	-	-	1	1	3
St. John Paddington *H*	38085	19	12	3	1	-	-	-	-	-	-	-	-	1	1	1	5
Kensington Town *W*	91645	57	54	11	15	-	1	1	-	6	-	-	-	6	2	3	6
Brompton *H*	28654	26	12	6	1	-	-	1	-	1	-	-	-	-	-	-	1
St. Peter Hammersmith	6662	4	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-
St. Paul Hammersmith *H*	36029	27	26	5	5	-	-	-	2	-	-	-	-	1	2	3	3
Fulham *WwH*	23350	23	24	5	3	4	1	-	-	2	-	-	-	1	-	1	7
Chelsea South *HHH*	26420	16	18	5	6	-	-	-	-	-	-	-	-	1	-	-	-
Chelsea North-west *WHHHH*	22926	19	29	6	6	-	-	-	-	-	-	-	-	1	-	-	17
Chelsea North-east	21392	11	10	2	2	-	-	-	-	1	-	-	-	-	1	1	-
Hanover Square *H*	18698	7	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-
May Fair *WW*	13358	7	14	2	5	-	-	-	-	-	-	-	-	-	-	-	10
Belgrave *HH*	57972	36	37	7	10	-	-	-	-	1	-	2	-	2	1	1	10
St. John Westminster *HH*	38478	21	14	5	3	-	-	-	-	1	-	-	-	1	-	-	-
St. Margaret Westminster *WH*	27781	8	11	4	1	-	-	-	-	-	-	-	-	1	-	-	1
Golden Square *WH*	12860	8	4	2	1	-	1	-	-	-	-	-	-	-	-	-	2
Berwick-street *H*	20759	5	5	2	-	-	-	-	1	-	-	-	-	-	-	-	-
St. Anne Soho *HHHHH*	17562	10	8	1	2	-	-	-	-	1	-	-	-	-	-	1	-
NORTH DISTRICTS.																	
All Souls Marylebone *HHHH*	28579	12	16	4	3	-	-	-	-	-	-	-	-	1	-	-	6
Cavendish Square *HH*	15425	-	5	1	3	-	-	-	-	1	-	-	-	-	1	1	-
Rectory Marylebone *WH*	26384	11	19	6	3	-	1	-	-	1	-	-	-	1	-	-	9
St. Mary Marylebone *HHH*	21786	23	11	3	4	-	-	-	-	-	-	-	-	-	-	1	-
Christchurch Marylebone *H*	33944	20	15	4	4	-	-	-	-	1	-	-	-	2	1	1	1
St. John Marylebone *H*	33136	23	9	4	1	1	-	-	-	-	-	-	-	-	-	1	1
Hampstead *WwHH*	32281	14	14	-	5	5	-	-	-	-	-	-	-	-	1	1	5
Regent's Park Pancras	38200	35	18	5	3	-	1	2	-	2	-	-	-	-	-	-	-
Tottenham-court *wHHH*	29370	10	20	3	3	-	-	-	-	1	-	-	-	1	2	2	12
Gray's Inn Lane *HHH*	29221	20	11	6	3	-	-	-	-	1	-	-	-	1	-	1	-
Somers Town	38533	16	14	5	4	-	1	-	-	2	-	-	-	-	-	-	-
Camden Town *WH*	17943	15	12	3	3	-	-	-	-	3	-	-	-	-	-	-	3
Kentish Town *w*	68198	49	38	5	9	-	-	4	-	2	-	-	-	2	1	1	6
Islington West *HHH*	97820	66	38	12	4	1	2	1	1	5	-	-	-	-	1	4	2
Islington East *WwwH*	115958	95	50	14	10	-	1	1	-	2	-	1	-	4	1	1	5
Stoke Newington *H*	9841	8	5	3	-	-	-	1	-	1	-	-	-	-	-	-	-
Stamford Hill	6598	4	2	1	1	-	-	-	-	1	-	-	-	-	-	-	-
West Hackney	28069	22	12	4	2	1	1	1	-	2	-	-	-	-	-	-	-
Hackney *WwwHL*	50104	40	27	2	10	-	-	-	-	-	1	1	-	-	1	1	10
South Hackney	30339	26	15	5	3	-	1	-	-	-	-	1	-	-	-	1	-
CENTRAL DISTRICTS.																	
St. George Bloomsbury	17853	7	5	1	1	-	-	-	-	1	-	-	-	-	-	-	-
St. Giles South *WH*	19109	18	6	-	1	-	1	-	-	-	-	-	-	1	-	1	1
St. Giles North	16594	8	8	1	-	-	3	-	-	1	-	-	-	-	-	-	-
Long Acre	11379	4	5	2	-	-	1	-	-	2	-	-	-	-	-	-	-
Charing Cross *HH*	9859	1	7	2	1	-	-	-	-	-	-	-	-	-	-	-	2
St. Mary-le-Strand	9378	7	2	-	2	-	-	-	-	-	-	-	-	-	1	2	-
St. Clement Danes *H*	10723	7	5	1	-	-	-	-	-	1	-	-	-	-	-	-	1
St. George-the-Martyr *HHHHH*	20521	7	10	1	1	-	-	1	1	1	-	-	-	-	2	1	3
St. Andrew Eastern *W*	13529	5	9	-	3	-	-	-	-	-	-	-	-	-	-	1	8
Saffron Hill *H*	9066	5	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell *W*	18917	18	10	4	2	-	-	-	-	2	-	-	-	1	-	1	1
Amwell Clerkenwell	16884	8	5	3	-	-	-	-	-	1	-	-	-	-	-	-	-
Pentonville	13337	9	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Goswell-street	16242	13	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Old-street *H*	12161	8	7	3	-	-	-	-	-	1	-	-	-	1	-	-	-
City-road *HHL*	18301	10	8	3	-	-	-	-	-	4	-	-	-	-	-	-	-
Whitecross-street	13792	3	5	2	-	-	-	-	-	-	-	-	-	-	-	2	-
Finsbury	10741	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph East London *H*	14540	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Cripplegate	13638	5	5	2	1	-	-	-	-	1	-	-	-	-	-	-	-
St. Sepulchre *H*	7562	5	10	-	2	-	-	1	-	-	-	-	-	-	-	1	7
St. Bride *W*	11185	4	2	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Castle Baynard	4426	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch	6270	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe	4753	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking	5764	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street *H*	7845	3	3	-	-	-	-	-	-	1	-	-	-	-	-	-	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at the foot of next page.

R, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
day, 29th June 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
well Shoreditch	12430	7	5	3	-	-	-	2	-	-	-	-	-	-	1	1	-
eonard Shoreditch *HL*†	16545	16	5	2	-	-	-	-	-	1	-	-	-	1	-	-	-
ton New Town *w*	27835	23	11	1	5	-	-	-	-	-	-	-	-	-	-	-	5
ton Old Town	26933	26	3	-	2	-	-	1	-	-	-	-	-	-	-	-	-
gerston *WH*	43421	32	13	4	3	-	-	-	-	1	-	1	-	-	-	-	5
xney-road *H*	29822	22	20	7	3	-	-	1	-	-	-	-	-	-	1	1	-
n, Bethnal Green *WHL*†	42433	20	23	6	8	-	-	-	-	2	-	-	1	-	-	1	3
rch, Bethnal Green	26577	13	9	3	-	-	-	-	-	-	-	-	-	-	1	2	-
n, Bethnal Green	21272	10	11	6	4	1	-	-	-	-	-	-	-	2	1	-	-
alfields *H*	22499	21	4	2	-	-	-	-	-	-	-	-	-	-	-	1	-
End New Town *W*	15550	8	20	3	3	-	-	-	-	-	-	-	-	1	-	1	12
techapel North	11597	4	5	4	1	-	-	-	-	1	-	-	-	2	-	-	-
techapel Church *H*	7322	3	18	-	2	-	-	-	-	-	-	-	-	-	4	6	15
dman's Fields	10331	3	4	2	1	-	-	-	-	-	-	-	-	2	-	-	-
gate	9224	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mary St. George East	17900	15	5	1	-	4	-	-	-	-	-	-	-	-	-	-	-
Paul St. George East	21350	18	4	1	-	-	-	-	-	1	-	-	-	-	-	-	-
John St. George East *W*	8802	11	17	2	5	-	-	-	-	1	-	-	-	-	-	1	10
dwell *H*	11640	8	6	1	-	-	-	-	-	1	-	-	-	-	2	2	2
cliff	16131	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
ehouse	29919	24	10	2	1	-	-	1	-	-	-	-	-	-	1	2	-
e End Old Town Western	38128	18	11	2	4	-	-	-	-	2	-	-	-	-	-	-	-
e End Old Town Eastern *WwwH*	55024	47	32	7	3	-	-	-	-	3	-	-	-	3	1	2	7
y *wwwH*	67765	73	45	13	5	1	-	1	-	1	-	-	1	2	1	-	12
lar *WW*	48611	37	14	3	4	1	-	1	-	-	-	-	-	-	-	-	-
SOUTH DISTRICTS.																	
istchurch Southwark *WH*	14573	14	8	2	1	-	-	1	-	1	-	-	-	-	-	-	-
Saviour Southwark *H*	15677	7	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-
nt-road	20421	12	9	5	2	-	1	-	-	-	-	-	-	-	-	-	-
rough-road *WH*	16695	9	6	2	2	-	-	-	-	-	-	-	-	1	-	-	1
ndon-road *HL*	18961	20	11	7	3	-	-	-	-	-	-	-	-	3	-	-	-
nity Newington	23682	28	6	3	-	-	-	-	-	-	-	-	-	-	1	-	-
Peter Walworth *W*	48248	48	36	12	5	1	-	1	-	2	1	1	-	2	1	2	9
Mary Newington	16792	9	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Olave Southwark *H*	4373	-	16	-	1	-	-	-	-	-	1	-	-	-	2	4	13
John Horsleydown *W*	10500	1	5	1	-	-	-	-	-	1	-	-	-	1	-	-	1
ther Market	16787	20	4	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Mary Magdalen *W*	15709	17	6	-	2	-	1	-	-	-	-	-	-	-	-	-	4
James Bermondsey	47933	33	15	5	2	-	-	-	-	1	-	-	1	-	-	-	-
herhithe *W*	27096	16	12	3	4	1	-	-	-	2	-	-	-	1	1	1	1
terloo-road 1st *H*	14074	11	6	2	1	-	-	-	-	1	-	-	-	-	1	1	1
terloo-road 2nd *H*	18465	18	9	2	1	-	-	-	-	-	-	-	-	1	-	-	-
mbeth Church 1st *H*	19492	9	19	4	4	-	2	-	-	1	-	-	-	1	2	2	4
mbeth Church 2nd *WW*	35833	29	25	4	11	-	-	-	-	1	-	-	-	2	-	1	14
nnington 1st	41286	18	11	5	4	-	-	-	-	1	-	-	-	-	-	-	-
nnington 2nd	31221	17	15	3	3	1	-	-	-	-	-	-	-	1	1	2	-
xton *w*	35435	39	23	5	2	2	-	-	1	-	2	1	-	2	-	1	4
rwood *W*	12536	11	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
pham *H*	27347	18	6	-	1	1	-	-	-	1	-	-	-	-	-	-	-
ttersea *Ww*	54016	62	34	12	4	-	-	-	-	6	-	-	-	-	1	2	4
ndsworth *HL*	19783	13	6	2	-	-	-	-	-	-	-	-	-	-	1	1	1
tney	9439	5	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-
eatham	14475	10	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
lwich	4041	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
nberwell *WL*†*L*†	31254	27	22	4	10	-	-	-	-	-	-	-	-	3	-	-	9
kham *W*	42160	44	13	3	2	-	-	-	-	1	-	-	-	-	-	-	-
George Camberwell	33851	37	18	5	3	-	-	-	-	2	-	-	1	1	1	1	-
Paul Deptford *w*	53714	50	40	9	6	12	1	-	-	1	-	1	-	4	-	-	11
Nicholas Deptford	6474	8	4	1	1	-	-	-	-	2	-	-	-	-	-	-	-
enwich West	21034	14	8	4	3	-	-	-	-	-	-	-	-	2	-	-	-
enwich East *WH*	19378	10	14	3	1	-	-	-	-	2	-	-	-	1	-	-	7
ham *H*	4539	5	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	16440	9	6	-	1	-	-	-	-	-	-	-	-	-	-	-	-
wisham Village *WH*	11513	16	5	1	2	1	-	-	-	-	-	-	-	-	1	-	1
lenham *H*	19065	10	8	3	1	-	-	-	-	1	-	-	-	2	-	-	-
arlton *H*	9564	4	4	1	-	-	-	-	-	-	-	-	-	-	-	-	3
olwich Dockyard	17226	8	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
olwich Arsenal *WHH*	18331	16	9	2	2	-	-	-	-	-	-	-	-	1	-	-	-
mstead, West	13027	9	5	-	2	-	-	-	1	-	-	-	-	-	-	-	-
mstead, East *W*	15232	11	8	2	2	-	-	-	-	-	-	-	-	-	-	-	1

he following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the e Table by *w*:—

Central London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary " " "
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during th Week ending Saturday, 29th June 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public
	LONDON—OUTER RING	368,414	631,381	525	257	50	65	1	6	6	3	13	1	4	11	15	23
29 : 1	Carshalton *wL*	12228	13523	5	4	-	-	-	-	-	-	-	-	-	1	1	2
2	Epsom (*part of*) * *WH*	9971	9145	3	6	3	2	-	-	-	-	1	-	-	-	-	-
36 : 1	Godstone (*part of*) *	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH*	20851	71319	53	24	4	5	-	-	3	1	1	-	-	2	2	2
2	Mitcham *WH*	11697	12534	7	5	-	2	-	-	1	-	-	-	-	-	-	-
38 : 1	Wimbledon *HH*	3220	9087	13	2	-	-	-	1	-	-	1	-	-	-	-	-
2	Kingston *WH*	8549	27489	21	11	2	3	-	-	-	-	-	-	-	-	-	3
3	Esher (*part of*) *	6601	7353	4	4	1	2	-	-	-	-	-	-	-	-	-	-
4	Hampton	4573	10185	3	3	-	-	-	1	-	-	-	-	-	-	1	-
39 : 1	Richmond *WH*	2271	16829	11	6	1	4	-	-	-	-	-	-	-	-	-	1
2	Mortlake	2961	9316	9	2	1	1	-	-	-	-	-	-	-	-	-	-
40 : 1	Bromley (*part of*) * *HH*	15669	19509	14	5	-	1	-	-	-	1	-	-	-	-	-	-
2	Chislehurst (*part of*) * *W*	13665	10028	3	2	1	-	-	-	-	-	-	-	-	-	-	-
41 : 1	Bexley *H*	13439	19566	20	5	2	2	-	-	-	-	-	-	-	-	-	-
123 : 1	Sunbury *W*	11055	9860	10	7	4	1	-	-	-	-	2	-	-	-	-	-
2	Staines *W*	13277	10339	9	-	-	-	-	-	-	-	-	-	-	-	-	-
124 : 1	Hillingdon *WH*	6029	9712	2	6	-	2	-	-	-	-	-	1	1	1	1	4
2	Uxbridge	6178	5329	2	2	-	-	-	-	-	-	-	-	-	-	-	-
3	Hayes *WL*	14587	10497	9	6	2	1	-	-	-	-	-	-	1	-	-	2
125 : 1	Isleworth *W*	7008	19930	17	8	1	1	-	-	-	-	-	-	-	-	-	1
2	Twickenham	2477	10533	7	2	-	1	-	1	-	-	-	-	-	-	-	-
3	Brentford *HL*	4370	20279	22	7	3	1	-	-	-	-	-	-	-	-	1	-
4	Chiswick	1311	8508	6	3	1	-	-	-	-	-	-	-	-	-	-	-
5	Acton *WH*	6087	12683	11	9	1	2	-	-	-	-	1	-	-	-	1	-
126 : 1	Harrow *H*	13809	10869	5	5	1	2	-	1	-	1	-	-	-	-	-	-
2	Edgware *H*	6994	3450	1	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden	4383	15869	14	4	2	1	-	-	-	-	1	-	-	-	-	-
4	Hendon *WH*	8382	6972	2	3	-	1	-	-	-	-	-	-	-	-	-	-
127 : 1	South Mimms	15419	5924	1	4	-	1	-	-	-	-	-	-	-	-	-	-
2	Barnet *W*	5423	7752	15	5	-	1	-	1	-	-	-	-	-	-	-	-
3	Finchley *L*	4688	11493	10	9	-	2	-	-	-	-	-	-	1	1	1	7
128 : 1	Hornsey *H*	3039	19357	22	9	-	2	-	-	-	-	1	-	1	-	-	-
2	Tottenham *H*	4642	22869	24	9	2	5	-	1	-	-	1	-	-	-	-	-
3	Edmonton *WW*	7483	13860	16	4	-	2	-	-	1	-	-	-	-	-	-	-
4	Enfield *WH*	12653	16054	18	2	-	1	-	-	-	-	-	-	-	-	-	-
5	Waltham Abbey	11017	5197	8	2	1	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt	8493	7518	3	2	-	1	-	-	-	-	-	-	-	-	-	-
134 : 1	Hatfield (*part of*) *	3180	559	1	-	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey	9028	6472	1	3	-	3	-	-	-	-	-	-	-	-	-	-
185 : 1	Stratford	882	23286	17	15	4	2	1	-	1	-	2	-	-	1	1	
2	West Ham *WWWW*	7345	44642	62	22	9	4	-	-	-	-	-	-	-	4	4	
3	Leyton *WW*	4274	15513	17	10	2	1	-	-	-	-	-	-	-	-	-	
4	Walthamstow *H*	6619	15701	16	6	1	2	-	-	-	-	1	-	-	-	-	
186 : 1	Chigwell (*part of*) * *H*	10483	8169	3	5	-	1	-	-	-	-	-	-	-	-	1	
188 : 1	Romford (*part of*) *	6730	2879	2	2	-	1	-	-	-	-	-	-	-	-	-	
2	Ilford	8492	5947	2	4	1	-	-	-	-	-	1	-	-	-	-	
3	Barking Town	4128	6576	4	3	-	1	-	-	-	-	-	-	-	1	1	

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow: 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903); 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoydon-Bo (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 29th June, 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Deaths in Public Institutions.
ATER LONDON	446,494	4,450,015	21·4	3·7	1827	442	375	39	30	29	10	110	20	76	57	331
NNER LONDON -	78,080	3,577,304	22·9	4·1	1570	392	310	38	24	23	7	97	19	72	46	308
UTER RING -	368,414	872,711	15·4	2·0	257	50	65	1	6	6	3	13	1	4	11	23

E.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal 647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area 414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, ch 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than es to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,751,796 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	May	18	-	311	37·7	Small-pox 83; cholera 26.
BOMBAY - -	644,405	"	28	-	-	-	—
MADRAS - -	397,552	"	3	277	285	37·3	Small-pox 6; fevers 82.
PARIS - -	1,988,806	June	27	-	890	23·3	Typhoid fever 11; diphtheria 29; croup 10.
GENEVA - -	68,792	"	22	35	30	22·8	—
BRUSSELS - -	175,782	"	15	97	74	22·0	—
AMSTERDAM -	302,266	"	15	200	147	26·8	Whooping-cough 3.
ROTTERDAM -	142,585	"	15	97	61	22·2	Scarlet fever 2.
THE HAGUE -	107,896	"	15	76	55	26·5	—
COPENHAGEN -	220,000	"	18	170	83	19·7	Croup 6.
STOCKHOLM -	146,845	"	15	-	69	23·5	Scarlet fever 3.
CHRISTIANIA -	105,000	"	22	74	33	16·0	—
ST. PETERSBURGH	669,741*	"	15	-	577	44·8	Small-pox 17; typhus & typhoid fever 80.
BERLIN - -	1,019,620	"	8	752	676	34·1	Scarlet fev. 11; diph. 17; diarrhœal diseases 180.
HAMBURG (State)	406,604	"	15	315	210	27·0	Typhus and typhoid fever 5.
DRESDEN - -	207,845	"	15	151	94	23·5	Scarlet fever 3.
BRESLAU - -	267,000	"	22	187	144	28·0	Diphtheria 3.
MUNICH - -	222,000	"	22	166	161	38·0	Diphtheria and croup 7.
VIENNA - -	727,271	"	22	545	461	33·0	Small-pox 10; diphtheria 17.
BUDA-PESTH -	319,530	"	15	301	280	45·6	Small-pox 9; diphtheria 5; typhus 10.
ROME - -	282,214	May	10	124	145	26·8	Diphtheria and croup 8.
NAPLES - -	457,407	"	27	-	-	-	—
TURIN - -	227,843	June	15	131	122	27·9	Small-pox 4; typhus and typhoid fever 2.
VENICE - -	139,796	"	22	58	62	23·1	—
ALEXANDRIA -	212,034	"	13	141	148	36·4	Whooping-cough 4.
NEW YORK -	1,084,528	"	1	-	454	21·8	Scarlet fever 33; diphtheria 22.
BROOKLYN -	549,438	May	25	-	187	17·7	Scarlet fever 9; diphtheria 5; croup 7.
PHILADELPHIA -	876,118	June	8	-	290	17·3	Scarlet fever 11; typhoid fever 11; diphtheria 6.
BALTIMORE -	355,000	"	1	-	140	20·6	Scarlet fever 4; typhoid fever 4.

* The rate of mortality in St. Petersburgh is calculated on the population enumerated at the last Census in 1869, and is thus probably overstated, as the population of the city is said to have increased in a remarkable manner since that date.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 29th JUNE, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.	Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Difference. Between Dew Point Temperature and Air Temperature. Greatest.	Difference. Between Dew Point Temperature and Air Temperature. Least.	Difference. Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. Osler's. General Direction. P.M.	Wind. Osler's. Pressure on square foot. Greatest.	Wind. Osler's. Pressure on square foot. Least.	Wind. Osler's. Pressure on square foot. Mean of 24 Obs.	Wind. Robinson's. Amount of Horizontal Movement of Air each day.	Wind. Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
JUNE.		in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN. . 23	..	29·908	81·2	54·5	26·7	67·7	58·3	138·3	48·3	63·5	61·3	9·4	22·1	1·4	+ 7·0	72	S. NE. & SE.	SE. SSE. & S.	0·3	0·0	0·0	119	−104	0·61	2·7
MON. . 24	..	29·933	84·4	55·9	28·5	70·9	56·5	147·0	51·1	64·7	62·3	14·4	22·8	0·0	+10·0	60	SSE. WSW. & SW.	SSW. & SW.	0·0	0·0	0·0	146	− 83	0·00	2·3
TUES. . 25	..	30·012	82·9	63·2	19·7	71·5	58·9	139·5	52·8	65·3	62·8	12·6	21·9	4·0	+10·4	65	S. & WSW.	SW.	0·0	0·0	0·0	115	−118	0·00	5·0
WED. . 26	..	30·003	85·8	56·8	29·0	73·3	59·9	141·1	51·0	66·3	63·3	13·4	23·5	1·1	+12·1	63	Calm, NE. & SE.	SE. & ESE.	0·7	0·0	0·0	124	−115	0·00	1·5
THURS. 27	..	29·896	85·4	59·6	25·8	73·3	56·6	143·2	54·5	67·3	64·3	16·7	26·7	0·0	+12·0	56	E. ENE. & SE.	E.	3·6	0·0	0·3	232	− 18	0·00	8·2
FRI. . 28	..	29·764	80·9	60·7	20·2	70·9	56·3	138·8	54·5	68·3	65·8	14·6	23·8	1·7	+ 9·6	60	E. & ENE.	E. & NE.	3·9	0·0	0·4	276	+ 20	0·00	13·3
SAT. . 29	Greatest Dec. N.	29·653	79·0	54·5	24·5	67·3	54·0	140·9	50·5	69·3	66·8	13·3	23·3	1·2	+ 6·0	63	NE.	E. & NE.	2·3	0·0	0·1	253	− 7	0·00	0·0
MEANS .	..	29·881	82·8	57·9	24·9	70·7	57·2	141·3	51·8	66·4	63·8	13·5	23·4	1·3	+ 9·6	63	Variable.		..	..	..	Sum 1265	Sum −425	Sum 0·61	4·7
No. of Col.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. JUNE.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY .	23	The electrical apparatus was not in action throughout the week.	6·5	16·6	Fine but cloudy in morning; violent thunderstorm in afternoon; fine at night.
MONDAY .	24		12·7	16·6	A very fine day. The amount of cloud was variable.
TUESDAY .	25		4·8	16·6	Overcast in morning; fine but cloudy till evening; cloudless at night.
WEDNESDAY	26		11·2	16·5	A very fine day. The amount of cloud was small. Distant thunder heard in afternoon.
THURSDAY .	27		12·8	16·5	A very fine day. The amount of cloud was small.
FRIDAY .	28		13·3	16·5	A very fine day. A little cloud prevailed in the afternoon and evening.
SATURDAY .	29		12·6	16·5	A very fine day. The amount of cloud was generally small.
..		..	Sum 73·9	Sum 115·8	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol.* 3., *New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and − "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Sir E. Y. W. Henderson, R.E., K.C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29·97 in. at the beginning of the week to 29·89 in. by 8h. P.M. on the 23rd; increased to 30·03 in. by 9h. A.M. on the 26th; and decreased to 29·62 in. by the end of the

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

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General Register Office, Somerset House,
8th July, 1878.

United Kingdom.

During last week 6010 *births* and 3462 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality from all causes was at the average rate of 22 deaths annually in every 1000 persons living. The annual death-rate was 19 per 1000 in Edinburgh, 22 in Glasgow, and 25 in Dublin; 18 fatal cases of small-pox were recorded in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Brighton 13, Wolverhampton 13, Bristol 14, Plymouth 15, Newcastle-on-Tyne 15, Birmingham 17, Nottingham 19, Hull 20, Portsmouth 20, Oldham 20, Salford 21, Leeds 21, Bradford 21, London 22, Norwich 22, Sunderland 23, Sheffield 23, Liverpool 25, Manchester 28, and the highest rate 30 in Leicester. The annual death-rate from the seven principal zymotic diseases averaged 4·7 per 1000 in the twenty towns, and ranged from 1·5 in Brighton to 7·2 and 8·6 in Sheffield and Leicester. Scarlet fever shows fatal prevalence in Sheffield, and infantile diarrhœa in Leicester. Small-pox caused 21 deaths in London and its suburban districts, but not one in any of the nineteen large provincial towns.

The fatal cases of diarrhœa in the twenty towns, which had been 56 and 133 in the two preceding weeks, further rose to 269 last week; the annual death-rate from this disease averaged 1·9 per 1000 in these towns, and ranged from 0·5 in Brighton and Bristol, to 4·6 and 8·6 in Hull and Leicester.

London.

In London 2520 births and 1511 deaths were registered. Allowing for increase of population, the births exceeded by 228, and the deaths by 96, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 20·3 and 22·9 per 1000, declined last week to 22·0.

The 1511 deaths included 19 from small-pox, 31 from measles, 19 from scarlet fever, 11 from diphtheria, 108 from whooping-cough, 17 from different forms of fever, and 145 from diarrhœa; thus to the seven principal diseases of the zymotic class 348 deaths were referred, against 215 and 280 in the two preceding weeks. These 350 deaths were 28 above the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 5·1 per 1000. The fatal cases of whooping-cough, which had been 108 and 97 in the two previous weeks, rose again to 108 last week, and exceeded the corrected weekly average by no less than 65; the disease showed general fatality throughout the Metropolis, especially in the East group of districts. The 31 deaths from measles showed a further increase upon the numbers in the two previous weeks, and included 4 in Bermondsey and 4 in Clapham. The fatality from scarlet fever continues considerably below the average. Of the 11 deaths from diphtheria, which exceeded the number in the previous week, one occurred in Kilburn, one in Marylebone, and 2 in Lambeth. The 17 deaths referred to fever showed a further decline from the numbers in recent weeks, and were 11 below the corrected average; 3 fatal cases were certified as typhus, 9 as enteric or typhoid, and 5 as simple continued fever; the 3 deceased typhus patients had resided at:—157, Lambeth Road; 100, East Lane, Bermondsey; and 49, Stockwell Street, Camberwell; the 2 latter cases were recorded in the Stockwell Fever Hospital. Two fatal cases of enteric fever were registered in Newington.

The deaths referred to diarrhœa, which had been 23 and 72 in the two previous weeks, further rose to 145 last week; they exceeded the corrected weekly average by 11, and included 109 of infants under one year of age, and 29 of children aged between one and five years. The deaths of 8 infants and of 3 adults were also referred to choleraic diarrhœa.

The deaths from small-pox, which had been 19 and 38 in the two preceding weeks, declined again to 19 last week; 13 occurred in the Metropolitan Asylum Hospitals, and 6 in private dwelling-houses. Five of the deceased small-pox patients had resided in Greenwich and Deptford. During last month two children of a labourer, aged 5 and 7 years, died from small-pox at 1, Faustin Place, Rotherhithe; both were described as vaccinated in the medical certificates, but on further inquiry it appeared that one of the children had never been vaccinated, and the other was only vaccinated a week before the eruption appeared, or in other words, nearly a week after it had been infected by small-pox. Medical practitioners should in small-pox cases use all possible care to secure the accuracy of information relating to vaccination inserted in their medical certificates. The Metropolitan Asylum Hospitals contained 369 small-pox patients on Saturday last, against numbers declining from 854 to 445 in the eleven preceding weeks; 55 new cases were, however, admitted during the week.

The cause of the death of a labourer aged 47 years in St. Giles' Workhouse on 5th instant was certified by the medical officer to be "unknown." This would appear to have been a case either for an inquest, or at any rate for a *post mortem* examination.

Different forms of violence caused 60 deaths; 53 were the result of negligence or accident, including 18 from fractures and contusions, 4 from burns and scalds, 11 from drowning, 3 from poison (including one from "alchoholic poisoning, about four hours," and one from "chronic lead poisoning"), and 7 of infants under one year of age from suffocation. The 18 deaths from fractures and contusions were thus caused:—male aged 45 years, fell from cart; male 6, run over by cart; male 10, run over by timber-carriage; male 58, "jumped from trap;" male 38, fell from house; female 77, fell from window; male 49, fell from scaffold; male 53, fell from ladder; male 10 months, fell down stairs; male 35, fell from tree; male 3 months, fell from bed; male 26, injury to thumb by fall (tetanus); males 2 and 45, and female 2, fractured legs; male 35, fractured spine; female 53, contusion of hip; and male 65, fractured vertebræ. An inquest was held in each of these cases except the last two, which were certified by registered medical practitioners.

Greater London.

In the Greater London 3038 births and 1756 deaths were registered, equal to annual rates of 35·6 and 20·6 per 1000 of the population. In the Outer Ring 2 fatal cases of small-pox were recorded in West Ham, 4 of whooping-cough in Willesden, and 4 of diarrhœa in Acton sub-districts.

Dr. Frankland reports, as the result of his analyses of the waters supplied to the Metropolis and some of its suburbs during June, that taking the average amount of organic impurity in a given volume of the Kent Company's water during the nine years ending December 1876 to represent unity, the proportional amount of such impurity in an equal volume of water supplied by each of the other Companies, and by the Tottenham Local Board, was:—Tottenham 1·3, Kent 1·4, Colne Valley 1·6, New River 4·2, Chelsea 4·3, East London 4·3, Southwark 4·4, Grand Junction 5·5, West Middlesex 5·6, and Lambeth 5·6. The Thames and Lea were "much swollen by heavy rains," and the water delivered by seven of the eight London Water Companies was "so much polluted by organic matter as to be unfit for dietetic purposes." The degree of pollution was very unusual for the summer season, and the Southwark, Grand Junction, East London, and New River Companies delivered water which had been very inefficiently filtered; the waters supplied by these companies were slightly turbid when drawn from the mains, and those of the Southwark and Grand Junction Companies contained moving organisms. The deep well waters delivered by the Kent and Colne Valley Companies, and by the Tottenham Local Board, were unaffected by the heavy rains; they were bright and of their usual excellent quality.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 35, Bombay 43, Madras 41; Paris 23; Geneva 22; Brussels 20; Amsterdam 26, Rotterdam 28, The Hague 24; Copenhagen 21; Stockholm 24; Christiania 19; St. Petersburgh 46; Berlin 39, Hamburg 28, Breslau 40, Munich 34; Vienna 28, Buda-Pesth 46; Rome 25, Turin 33, Venice 28; Alexandria 45; New York 21, Brooklyn 17, Philadelphia 17, and Baltimore 21. Small-pox caused 70 deaths in Calcutta, and 86 deaths were referred to typhus and enteric fever in St. Petersburgh.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·80 in., the lowest reading was 29·62 in. at the beginning of the week, and the highest 29·98 in. on Thursday at noon. The mean temperature of the *air* was 60°·1, and 1°·2 below the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed an excess on Sunday, Friday, and Saturday, whereas it was below the average on each of the other days of the week; on Tuesday the mean was only 54°·9, and 6°·2 below the average, while on Saturday it was 65°·8, and in excess by 4°·2. The lowest night temperature was 44°·0 on Thursday, and the highest day temperature in the shade 76°·7 on Saturday; the extreme range in the week was, therefore, 32°·7. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 134°·5 on Thursday. The difference between the mean *dew-point* and *air* temperature averaged 7°·1. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police ship, was 67°·9. The mean degree of *humidity* of the air was 78, complete saturation being represented by 100; the air was therefore of its average dryness. The direction of the *wind* was North-east and West-south-west, and the horizontal movement of the air averaged 9·9 miles per hour, which was 1·0 below the average in the corresponding week of 16 years. *Rain* fell on three days of the week, to the aggregate amount of 0·94 of an inch. The duration of registered sunshine in the week was 21·6 hours, the sun being above the horizon during 115·1 hours; the recorded duration of sunshine was, therefore, only equal to 19 per cent. of its possible duration.

The Registrar General has to acknowledge the courtesy of the London Water Companies who have furnished him with the average daily quantity of Water supplied during the month of June 1878; according to their returns 130,142,204 gallons or 591,296 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 239 gallons (108·6 decalitres), rather more than a *ton* by weight, to each house, and 33·6 gallons (15·3 decalitres) to each person, against 35·0 gallons during June 1877.

Companies.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons (including that for Manufactures and for various purposes other than for domestic consumption) during the Month of	
	June 1877.	June 1878.	June 1877.	June 1878.
Total Supply	533,440	545,040	132,570,858	130,142,204
From Thames	250,780	257,916	67,349,512	65,215,281
From Lea and from other Sources	282,660	287,124	65,221,346	64,926,923
Thames.				
Chelsea	28,741	29,014	8,554,000	8,726,500
West Middlesex	49,372	50,766	11,993,533	10,571,009
Southwark and Vauxhall	78,297	80,785	19,120,000	19,400,000
Grand Junction	37,683	38,462	12,588,979	12,698,372
Lambeth	56,687	58,889	15,093,000	13,819,400
Lea and other Sources.				
New River	125,261	126,725	29,254,000	28,461,000
East London	111,967	115,143	27,612,400	28,120,970
Kent	45,432	45,256	8,324,946	8,344,953

Note.—The Return for June 1878, as compared with that for the corresponding month of 1877, shows an increase of 11,600 houses, and a decrease of 2,428,654 gallons of water supplied daily.

Analysis of Metropolitan Water Supply during June.

Royal College of Chemistry, South Kensington Museum
28th June, 1878.

Sir,

I have to report to you in the following Table the results of the chemical analysis of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of June.

I append, also, the results obtained in the analyses of the water supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the nine years ending December 1876 as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health was:—Tottenham 1·3, Kent 1·4, Colne Valley 1·6, New River 4·2, Chelsea 4·3, East London 4·3, Southwark 4·4, Grand Junction 5·5, West Middlesex 5·6, and Lambeth 5·6.

The Thames and Lea have been much swollen by heavy rains, and the water drawn from these rivers by seven out of the eight Companies supplying London was so much polluted by organic matter as to be unfit for dietetic purposes. Such intense pollution rarely occurs in summer, and the Southwark, Grand Junction, East London, and New River Companies seem to have been unprepared for it, as they failed to filter the water effectively before delivery. The supplies of all

these Companies were slightly turbid when drawn from the mains, and moving organisms were found in the Southwark and Grand Junction Companies waters.

The deep-well water delivered by the Kent and Colne Valley Companies, and by the Tottenham Local Board, was unaffected by the rains; it was bright, wholesome, palatable, and of its usual excellent quality.

Seen through a stratum two feet deep, the water supplied by the Kent and Colne Valley Companies, and by the Tottenham Local Board, was clear and colourless; the New River and East London Companies water was slightly turbid and very pale yellow; the Chelsea and Lambeth Companies water was clear and pale yellow; that supplied by the West Middlesex Company clear and yellow; and that by the Southwark and Grand Junction Company, slightly turbid and brownish yellow.

Dr. Hill, the Medical Officer of Health for Birmingham, reports that the water supplied to that town was "clear. Its most noticeable feature was the considerable increase in the quantity of organic nitrogen."

Dr. Mills, F.R.S., of Anderson's College, Glasgow, reports that the water supplied to that city from Loch Katrine was "light brown in colour, and contained a good deal of suspended matter."

I am, &c.

The Registrar General, &c. &c. E. Frankland.

Results of Analysis expressed in Parts per 100,000.

Companies or Local Authorities.	Date and Place of Collection.	Temperature in centigrade degrees.	Total Solid Matters.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Nitrates and Nitrites.	Total combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle. Thames:		°								
Chelsea	4th June, Cab Rank, Horse Guards.	14·0	28·22	·218	·037	0	·105	·142	1·4	18·8
West Middlesex	4th June, Cab Rank, Portland-road.	15·7	27·58	·278	·059	0	·119	·178	1·4	19·4
Southwark	4th June, Cab Rank, St. George's Church, Borough.	15·7	29·08	·249	·034	0	·147	·181	1·4	20·6
Grand Junction	4th June, Lancaster-gate, Hyde Prk.	13·8	29·16	·300	·028	0	·144	·172	1·4	19·7
Lambeth	4th June, Cab Rank, Westminster Bridge-road.	14·3	30·12	·296	·038	0	·168	·206	1·4	20·6
Other Sources:										
New River	4th June, Cab Rank, Tottenham-court-road.	15·3	26·56	·217	·034	0	·162	·196	1·5	19·4
East London	4th June, Royal Hotel, Mile-End-rd.	16·5	28·20	·243	·033	0	·138	·171	1·8	20·8
Kent	4th June, Deptford Bridge Police Station.	12·3	42·56	·067	·020	0	·474	·494	2·5	27·5
Outer Circle. Colne Valley	6th June, Bushey.	11·6	20·02	·071	·026	0	·308	·334	1·4	12·3
Tottenham Local Board	18th June, High-street, Tottenham.	–	47·22	·061	·020	0	·427	·447	3·5	27·8
Corporation of Birmingham*	12th June, 16 Court, Fordrough-strt.	20·0	24·90	·143	·073	·003	·198	·273	1·9	14·5
Corporation of Glasgow †	17th June, Loch Katrine service.	13·0	2·70	·120	·015	0	·005	·020	·5	1·2
Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

* Analysed by Dr. Alfred Hill, Medical Officer of Health and Analyst to the Borough.
† Analysed by Dr. E. J. Mills, F.R.S., of Anderson's College, Glasgow.

The numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11, all relate to 100,000 parts of the waters. The Table is to be read thus: the Chelsea Company's water, collected on 4th June at the Horse Guards cab-rank, had a temperature of 14°·0 C.; 100,000 lbs. of it contained 28·22 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·218 lb. of carbon and ·037 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·105 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of *combined* nitrogen in every form was ·142 lb. The above weight of water also contained 1·4 lbs. of chlorine; and 18·8 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 6th July, 1878.

CITIES AND BOROUGHS. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 6th July, 1878.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
In 23 TOWNS in the UNITED KINGDOM	220,307	8,373,953	38·0	6010	3462	79·0	40·0	59·1	15·06	0·40	1·02
LONDON	75,362	3,577,304	47·5	2520	1511	76·7	44·0	60·1	15·62	0·94	2·39
BRIGHTON	2,354	103,923	44·1	44	25	72·0	48·2	59·7	15·39	1·13	2·87
PORTSMOUTH	4,486	129,461	28·9	100	49	75·2	51·5	58·1	14·50	1·41	3·58
NORWICH	7,472	84,620	11·3	57	36	75·2	46·0	59·6	15·34	0·00	0·00
PLYMOUTH	1,395	73,599	52·8	36	21	75·0	49·5	60·1	15·62	0·29	0·74
BRISTOL	4,452	206,419	46·4	137	55	77·3	45·7	60·7	15·95	2·34	5·94
WOLVERHAMPTON	3,396	74,240	21·9	69	19	76·5	46·3	57·5	14·17	0·04	0·10
BIRMINGHAM	8,400	383,117	45·6	290	122	–	–	–	–	–	–
LEICESTER	3,200	121,473	38·0	79	70	72·5	43·8	58·9	14·94	0·16	0·41
NOTTINGHAM	9,960	165,267	16·6	82	59	76·4	40·0	58·5	14·72	0·13	0·33
LIVERPOOL	5,210	532,681	102·2	412	251	71·1	51·1	58·8	14·89	0·00	0·00
MANCHESTER	4,293	360,514	84·0	291	192	–	–	–	–	–	–
SALFORD	5,170	170,251	32·9	145	68	73·6	46·1	58·1	14·50	0·09	0·23
OLDHAM	4,666	107,366	23·0	90	41	–	–	–	–	–	–
BRADFORD	7,220	185,088	25·6	136	76	71·0	45·0	57·0	13·89	0·05	0·13
LEEDS	21,572	304,948	14·1	233	123	73·0	44·0	58·4	14·66	0·02	0·05
SHEFFIELD	19,651	289,537	14·7	198	127	74·0	43·0	58·9	14·94	0·07	0·18
HULL	3,635	143,139	39·4	107	54	76·0	43·0	58·2	14·55	0·00	0·00
SUNDERLAND	2,768	112,459	40·6	84	49	79·0	48·0	58·6	14·78	0·13	0·33
NEWCASTLE-ON-TYNE	5,371	144,570	26·9	118	42	–	–	–	–	–	–
EDINBURGH	4,191	222,371	53·1	155	82	–	–	–	–	–	–
GLASGOW	6,033	566,940	94·0	435	240	69·0	53·5	60·8	16·01	0·39	0·99
DUBLIN	10,050	314,666	31·3	192	150	73·6	47·7	61·8	16·56	0·05	0·13

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.
† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday, the 6th July, 1878.

BOROUGHS, &c. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
				Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.		
In 20 TOWNS	21·5	4·7	2990	889	470	19	60	94	21	154	39	269	114	178	433
LONDON	22·0	5·1	1511	469	239	19	31	19	11	108	17	145	60	94	274
BRIGHTON	12·6	1·5	25	10	3	–	–	–	–	2	–	1	–	–	2
PORTSMOUTH	19·8	3·6	49	13	7	–	3	–	–	–	3	3	1	3	5
NORWICH	22·2	2·5	36	13	11	–	–	–	–	1	1	2	4	5	2
PLYMOUTH	14·9	2·1	21	3	4	–	–	1	1	1	–	–	1	2	2
BRISTOL	13·9	1·8	55	16	9	–	1	–	–	2	2	2	1	–	10
WOLVERHAMPTON	13·4	2·1	19	4	4	–	–	1	–	1	1	–	–	–	3
BIRMINGHAM	16·6	3·8	122	24	21	–	2	13	–	7	1	5	8	12	7
LEICESTER	30·1	8·6	70	38	7	–	–	–	–	–	–	20	3	4	10
NOTTINGHAM	18·6	3·2	59	16	19	–	–	2	–	–	–	8	3	4	6
LIVERPOOL	24·6	5·6	251	75	34	–	4	19	5	8	2	19	8	9	37
MANCHESTER	27·8	3·9	192	48	24	–	2	5	1	4	1	14	7	15	35
SALFORD	20·8	4·9	68	28	8	–	1	3	–	1	3	8	1	5	2
OLDHAM	19·9	4·9	41	8	4	–	2	3	2	–	1	2	1	2	1
BRADFORD	21·4	3·9	76	15	12	–	2	3	1	4	2	2	4	4	6
LEEDS	21·0	3·8	123	37	18	–	4	1	–	9	–	8	4	9	8
SHEFFIELD	22·9	7·2	127	29	18	–	–	23	–	2	1	14	3	5	10
HULL	19·7	4·7	54	18	12	–	–	–	–	–	3	10	2	2	3
SUNDERLAND	22·7	7·0	49	12	8	–	8	–	–	4	1	2	2	2	2
NEWCASTLE-ON-TYNE	15·2	1·8	42	13	8	–	–	1	–	–	–	4	1	1	8
DUBLIN	24·9	6·0	150	28	22	18	–	1	1	5	9	2	5	3	48

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the TWENTY-SEVENTH Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2093	1996	2026	1929	2202	2151	2195	2330	2282	2220	2142·4	2520
Males . .	1050	1022	1057	979	1102	1088	1149	1186	1184	1139	1095·6	1286
Females .	1043	974	969	950	1100	1063	1046	1144	1098	1081	1046·8	1234
TOTAL **Deaths**	1516	1279	1497	1200	1193	1198	1293	1400	1322	1322	1322·0	1511
Males . .	773	643	800	618	602	631	675	738	677	707	686·4	809
Females .	743	636	697	582	591	567	618	662	645	615	635·6	702

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Apr. 13.	Apr. 20.	Apr. 27.	May 4.	May 11.	May 18.	May 25.	June 1.	June 8.	June 15.	June 22.	June 29.	July 6.
TOTAL **Deaths** - - -	1895	1773	1661	1545	1383	1380	1381	1419	1481	1300	1391	1570	1511
0—20 - -	954	899	876	775	709	670	707	761	773	684	687	782	807
20—40 - -	234	241	218	235	213	194	192	218	178	181	203	218	183
40—60 - -	293	279	286	240	215	258	225	212	254	190	260	260	222
60—80 - -	343	295	232	252	206	215	208	183	240	210	210	252	199
at 80 years & upwds.	71	59	49	43	40	43	49	45	36	35	31	58	40
Deaths of children: Under 1 year -	415	379	394	371	306	303	317	346	353	341	328	392	469
Deaths of children: 1—5 - -	403	375	357	286	296	261	274	295	296	250	266	284	292
Deaths of children: 5—20 - -	136	145	125	118	107	106	116	120	124	93	93	106	106
Deaths from 7 principal Zymotic Diseases	346	323	305	295	245	259	246	276	285	220	215	280	350
" " Small-pox -	58	80	63	60	48	48	43	40	42	24	19	38	19
" " Measles - -	40	31	38	29	33	28	14	15	18	20	17	24	31
" " Scarlet fever -	36	37	22	27	24	26	17	17	27	24	17	23	19
" " Diphtheria -	9	8	11	10	9	12	20	17	16	8	12	7	11
" " Whooping-cough	157	123	136	117	110	102	116	152	135	101	108	97	108
" " Typhus fever -	4	3	3	5	1	3	2	4	2	2	3	5	3
" " Enteric (or Typhoid) fever -	23	14	15	19	8	16	15	11	15	14	11	10	9
" " Simple Contd fever	5	9	6	5	5	3	3	–	5	6	5	4	5
" " Diarrhœa - -	14	18	11	23	7	21	16	20	25	21	23	72	145
" " Simple Cholera -	1	–	–	1	–	–	–	–	–	–	–	6	11
" " Dis. of Respiratory Organs -	497	398	345	284	225	199	204	206	270	200	204	236	188
" " Phthisis - -	182	188	174	189	139	171	151	208	162	169	192	187	170
" " Heart Diseases -	106	88	71	70	74	79	77	69	91	71	95	105	76
Violent Deaths - - -	49	75	64	60	66	75	59	55	59	49	48	46	60
Inquest Cases - - -	99	124	100	101	96	109	85	92	94	76	86	76	94
Deaths in Public Institutions	333	360	334	307	264	274	298	280	283	236	257	308	274
TEMPERATURE OF THE AIR:													
Mean - - - -	46°·0	51°·5	51°·2	55°·5	56°·7	58°·0	51°·8	52°·7	57°·1	55°·7	59°·0	70°·7	60°·1
Mean of Highest readings -	54·1	61·0	61·6	66·5	66·6	67·6	62·2	62·4	68·0	64·6	71·3	82·8	70·3
Mean of Lowest readings -	38·0	44·4	44·0	47·0	48·3	50·7	44·2	45·5	48·1	49·1	48·0	57·9	51·7
Mean Temperature of the Water of the Thames -	44·7	50·0	53·5	55·7	58·7	60·9	59·7	58·3	58·5	60·6	60·3	65·1	67·9
Humidity of the Air - -	75	85	80	77	79	75	77	81	79	77	76	63	78
Rain-fall in inches - -	2·85	0·73	0·20	0·66	2·10	0·63	0·81	0·39	0·80	1·28	0·99	0·61	0·94
Registered Sunshine (in hours)	45·4	17·9	40·6	35·8	33·5	48·3	36·4	29·3	25·3	39·8	42·4	73·9	21·6

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

Table 5. LONDON.—Deaths Registered at several groups of Ages from different Causes in the Twenty-seventh Week of the Year 1878.

USES OF DEATH.	Average in the Twenty-seventh Weeks of the 10 years 1868–77.*	In the Week ending Saturday, July 6, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
Mean Temperature –	62·6	60·1							
L CAUSES – –	1322·0	1511	469	292	106	183	222	199	40
ECIFIED CAUSES	1312·9	1506	467	292	106	181	221	199	40
I. ZYMOTIC.									
Order 1.									
mall-pox – – –	26·2	19	1	3	7	5	3	–	–
Measles – – –	33·1	31	11	20	–	–	–	–	–
Scarlet Fever – –	43·2	19	1	12	6	–	–	–	–
Diphtheria – –	5·7	11	–	10	1	–	–	–	–
Quinsy – – –	·8	–	–	–	–	–	–	–	–
Croup – – –	11·0	8	1	7	–	–	–	–	–
Whooping-cough –	40·3	108	45	59	4	–	–	–	–
Typhus – – –	26·6 (Enteric or Typhoid Fev. Simple continued Fev.)	3	–	–	–	–	3	–	–
		9	1	–	5	2	1	–	–
		5	–	2	2	1	–	–	–
Erysipelas – – –	7·1	6	4	–	–	1	1	–	–
Puerperal Fev. (Metria)	3·0	2	–	–	–	2	–	–	–
Carbuncle – – –	1·1	1	–	–	–	1	–	–	–
Influenza – – –	·1	–	–	–	–	–	–	–	–
Dysentery – – –	2·9	1	–	–	–	1	–	–	–
Diarrhœa – – –	125·5	145	109	29	–	–	2	4	1
Simple Cholera – –	6·6	11	6	2	–	2	1	–	–
Ague – – –	·4	1	–	–	–	–	1	–	–
Remittent Fever –	·4	–	–	–	–	–	–	–	
Rheumatism – –	7·8	3	–	–	1	1	–	1	–
Other *Zymotic* Diseases	·5	1	–	1	–	–	–	–	–
Order 2.									
Syphilis – – –	7·1	6	5	–	–	–	–	1	–
Stricture of Urethra –	1·0	1	–	–	–	–	1	–	–
Hydrophobia – –	–	–	–	–	–	–	–	–	–
Glanders – – –	·2	–	–	–	–	–	–	–	–
Order 3.									
Privation – – –	·1	–	–	–	–	–	–	–	–
Want of Breast-milk –	11·9	10	10	–		–	–	–	–
Purpura and Scurvy –	1·7	4	3	1	–	–	–	–	–
Alcoholism { a Del. Tremens	2·9	1	–	–	–	–	1	–	–
Alcoholism { b Intemperance	1·0	1	–	–	–	–	1	–	–
Order 4.									
Thrush – – –	4·2	8	8	–	–	–	–	–	–
Worms, &c. – –	·4	2	–	1	1	–	–	–	–
CONSTITUTIONAL.									
Order 1.									
Gout – – – –	2·6	1	–	–	–	–	–	1	–
Dropsy – – –	9·9	9	1	1	–	2	2	2	1
Cancer – – –	31·5	36	–	–	1	4	20	11	–
Cancrum Oris (Noma)	·3	1	–	–	1	–	–	–	–
Mortification – –	2·7	2	–	–	–	–	1	–	1
Order 2.									
Scrofula – – –	9·9	11	2	4	3	2	–	–	–
Tabes Mesenterica –	27·6	47	26	16	2	3	–	–	–
Phthisis – – –	156·4	170	4	13	24	75	51	13	–
Hydrocephalus – –	30·1	36	15	17	3	–	1	–	–
III. LOCAL.									
Order 1.									
Cephalitis – – –	20·5	34	6	15	8	2	1	1	1
Apoplexy – – –	32·7	35	1	–	–	4	14	14	2
Paralysis – – –	25·1	22	–	–	–	3	6	12	1
Insanity – – –	2·6	5	–	–	–	1	3	1	–
Chorea – – –	·1	–	–	–	–	–	–	–	–
Epilepsy – – –	6·0	4	1	–	1	1	1	–	–
Convulsions – –	42·4	53	40	12	–	1	–	–	–
Brain Disease, &c. –	16·6	29	1	1	2	5	7	12	1
Order 2.									
Pericarditis* – –	2·3	2	–	1	–	1	–	–	–
Aneurism – – –	2·8	3	–	–	1	2	–	–	–
Heart Disease, &c. –	62·8	71	–	–	8	11	23	27	2
Order 3.									
Laryngitis – – –	4·6	9	7	2	–	–	–	–	–
Bronchitis – – –	77·7	102	28	20	1	3	15	29	6
Pleurisy – – –	3·1	8	–	1	–	4	2	–	1
Pneumonia – – –	49·2	60	13	20	6	7	8	6	–
Asthma – – –	4·3	5	–	–	–	1	1	3	–
Lung Disease, &c. –	12·0	4	–	1	–	–	2	1	–

CAUSES OF DEATH.	Average in the Twenty-seventh Weeks of the 10 years 1868–77.*	In the Week ending Saturday, July 6, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
Mean Temperature	62·6	60·1							
Order 4.									
1. Gastritis – – –	2·4	4	–	1	–	–	–	3	–
2. Enteritis – – –	6·6	10	2	2	2	–	1	3	–
3. Peritonitis – – –	4·6	5	–	–	2	1	2	–	–
4. Ascites – –	1·9	–	–	–	–	–	–	–	–
5. Ulceration of Intestines	2·8	3	–	–	–	–	2	–	1
6. Hernia – – –	2·5	1	–	–	–	–	–	1	–
7. Ileus – – – –	3·4	2	–	–	–	–	1	1	–
8. Intussusception – –	1·0	2	–	–	–	1	1	–	–
9. Stricture of Intestines	1·3	–	–	–	–	–	–	–	–
10. Fistula – – –	·1	4	–	1	–	1	2	–	–
11. *Stomach Disease, &c.* –	7·8	7	2	–	–	1	3	1	–
12. *Pancreas Disease, &c.*	·1	–	–	–	–	–	–	–	–
13. Hepatitis – – –	3·2	2	–	1	–	–	–	1	–
14. Jaundice – – –	4·0	–	–	–	–	–	–	–	–
15. *Liver Disease, &c.* –	18·5	17	1	–	–	3	7	6	–
16. *Spleen Disease, &c.* –	·8	1	–	1	–	–	–	–	–
Order 5.									
1. Nephritis – – –	2·3	3	–	–	1	–	2	–	–
2. Ischuria – – –	·4	–	–	–	–	–	–	–	–
3. Bright's Dis. (Nephria)	10·2	14	–	–	–	4	6	3	1
4. Diabetes – – –	1·7	3	–	–	–	1	1	1	–
5. Calculus (Stone) –	·7	2	–	–	–	–	1	–	1
6. Cystitis – – –	1·4	2	–	–	–	–	–	2	–
7. *Kidney Disease, &c.* –	9·0	8	–	1	1	1	3	2	–
Order 6.									
1. Ovarian Dropsy – –	·6	1	–	–	–	–	–	1	–
2. *Uterus Disease, &c.* –	4·9	4	–	–	–	3	–	1	–
Order 7.									
1. Synovitis (Arthritis) –	·2	–	–	–	–	–	–	–	–
2. *Joint Disease, &c.* –	5·0	5	–	1	1	2	–	1	–
Order 8.									
1. Phlegmon – – –	1·9	2	–	1	–	–	1	–	–
2. Ulcer – – – –	·9	1	–	–	–	–	1	–	–
3. *Skin Disease, &c.* –	1·2	1	1	–	–	–	–	–	–
IV. DEVELOPMENTAL.									
Order 1.									
1. Premature Birth –	20·3	27	27	–	–	–	–	–	–
2. Cyanosis – – –	1·3	1	1	–	–	–	–	–	–
3. Spina Bifida – –	1·6	1	1	–	–	–	–	–	–
4. Other Malformations –	1·8	3	3	–	–	–	–	–	–
5. Teething – – –	13·7	17	9	8	–	–	–	–	–
Order 2.									
1. Paramenia – –	·3	–	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever) – –	5·7	5	–	–	–	5	–	–	–
Order 3.									
1. Old Age – – –	37·2	39	–	–	–	–	–	20	19
Order 4.									
1. Atrophy and Debility	71·4	73	55	9	1	–	–	8	–
V. VIOLENT DEATHS.†									
Order 1. (Accidt. or Negligence.)									
1. Fractures & Contusions	17·6	18	2	2	2	4	6	2	–
2. Wounds { Gunshot –	·6	–	–	–	–	–	–	–	–
2. Wounds { Cut, Stab		–	–	–	–	–	–	–	–
3. Burns and Scalds –	1·6	4	–	3	–	1	–	–	–
4. Poison – – –	1·3	3	1	–	–	–	1	1	–
5. Drowning – – –	9·5	11	–	–	6	1	4	–	–
6. Suffocation – –	8·3	8	7	–	–	–	–	1	–
7. Otherwise – – –	2·9	9	4	–	2	2	–	–	1
Order 3. (Homicide.)									
1. Murder & Manslaughter	2·3	1	1	–	–	–	–	–	–
Order 4. (Suicide.)									
1. Wounds { Gunshot –	·2	–	–	–	–	–	–	–	–
1. Wounds { Cut, Stab –	1·1	3	–	–	–	2	1	–	–
2. Poison – – –	1·1	2	–	–	–	–	1	1	–
3. Drowning – – –	1·0	–	–	–	–	–	–	–	–
4. Hanging – – –	1·9	1	–	–	–	–	1	–	–
5. Otherwise – – –	·2	–	–	–	–	–	–	–	–
Order 5. (Execution.)									
1. Hanging – – –	–	–	–	–	–	–	–	–	–
Sudden Deaths (Cause unascertained) – –	1·5	1	–	–	–	1	–	–	–
Causes not specified or ill-defined – – –	7·6	4	2	–	–	1	1	–	–

*These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered ing 1878.

†The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, slaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCAR
during the Week en

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age.	Deaths of Persons aged 60 Years & upwds.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON - - -	3,254,260	2520	1511	469	239	19	31	19	11	108	3	9	5	145	60	94
WEST DISTRICTS - - - -	561,359	393	270	88	44	3	5	3	1	25	-	1	1	22	12	21
NORTH DISTRICTS - - -	751,729	582	333	105	65	4	5	6	2	23	-	2	1	34	8	21
CENTRAL DISTRICTS - - -	334,369	189	157	54	18	-	4	1	1	11	-	1	-	22	6	6
EAST DISTRICTS - - - -	639,111	561	310	90	46	1	5	4	3	22	-	2	1	26	22	27
SOUTH DISTRICTS - - - -	967,692	795	441	132	66	11	12	5	4	27	3	3	2	41	12	19
WEST DISTRICTS.																
St. Mary Paddington *WH* - - -	58728	46	26	9	4	-	1	-	1	1	-	-	-	1	1	1
St. John Paddington *H* - - -	38085	12	15	3	2	-	-	-	-	-	-	-	-	1	3	3
Kensington Town *W* - - - -	91645	85	46	20	7	-	2	2	-	3	-	-	-	6	2	4
Brompton *H* - - - - -	28654	13	14	4	4	-	-	-	-	1	-	-	-	-	-	-
St. Peter Hammersmith - - -	6662	5	4	1	-	-	-	-	-	1	-	1	-	-	-	-
St. Paul Hammersmith *H* - - -	36029	37	23	13	1	-	1	-	-	4	-	-	-	2	1	-
Fulham *WwH* - - - - -	23350	20	16	8	1	3	1	-	-	1	-	-	-	3	-	1
Chelsea South *HHH* - - - -	26420	21	11	2	3	-	-	-	-	1	-	-	-	1	-	2
Chelsea North-west *WHHHH* - -	22926	19	8	1	-	-	-	-	-	1	-	-	-	1	-	1
Chelsea North-east - - - -	21392	27	10	4	-	-	-	1	-	2	-	-	-	-	-	1
Hanover Square *H* - - - -	18698	9	4	-	1	-	-	-	-	-	-	-	-	-	-	-
May Fair *WW* - - - - -	13358	2	12	-	4	-	-	-	-	-	-	-	-	-	-	-
Belgrave *HH* - - - - -	57972	44	29	5	9	-	-	-	-	3	-	-	-	2	-	2
St. John Westminster *HH* - - -	38478	18	19	3	4	-	-	-	-	2	-	-	-	1	3	4
St. Margaret Westminster *WH* - -	27781	11	8	4	2	-	-	-	-	-	-	-	-	1	1	2
Golden Square *WH* - - - -	12860	10	5	1	1	-	-	-	-	1	-	-	-	-	1	-
Berwick-street *H* - - - -	20759	7	10	4	1	-	-	-	-	1	-	-	1	2	-	-
St. Anne Soho *HHHHH* - - -	17562	7	10	6	-	-	-	-	-	3	-	-	-	1	-	-
NORTH DISTRICTS.																
All Souls Marylebone *HHHH* - -	28579	13	13	1	3	-	1	-	-	1	-	-	-	-	-	1
Cavendish Square *HH* - - -	15425	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone *WH* - - -	26384	12	20	5	7	-	-	-	-	1	-	-	-	1	1	1
St. Mary Marylebone *HHH* - -	21786	18	10	4	2	-	-	-	-	-	-	1	-	5	-	2
Christchurch Marylebone *H* - -	33944	26	21	8	4	-	-	-	1	6	-	-	-	2	1	1
St. John Marylebone *H* - - -	33136	26	10	3	1	-	-	-	-	-	-	-	-	-	-	1
Hampstead *WwHH* - - - -	32281	24	12	2	3	1	-	1	1	1	-	-	-	1	-	-
Regent's Park Pancras - - -	38200	29	14	6	1	-	1	-	-	1	-	-	-	3	-	1
Tottenham-court *wHHH* - - -	29370	20	21		3	-	-	-	-	1	-	-	-	1	1	3
Gray's Inn Lane *HHH* - - -	29221	19	9	4	2	-	-	-	-	1	-	-	-	1	-	-
Somers Town - - - - -	38533	27	14	5	2	-	-	-	-	2	-	-	-	6	-	1
Camden Town *WH* - - - -	17943	8	14	2	8	-	-	-	-	-	-	-	-	-	-	1
Kentish Town *w* - - - - -	68198	59	36	11	8	1	-	1	-	4	-	-	-	3	-	1
Islington West *HHH* - - - -	97820	78	32	10	7	-	-	1	-	2	-	-	-	2	1	2
Islington East *WwwH* - - -	115958	108	43	14	5	1	2	1	-	1	-	-	-	3	1	1
Stoke Newington *H* - - - -	9841	11	8	1	2	-	-	1	-	-	-	-	-	-	1	1
Stamford Hill - - - - -	6598	5	4	1	-	-	-	-	-	-	-	-	1	1	-	-
West Hackney - - - - -	28069	25	9	4	1	-	-	-	-	1	-	1	-	2	-	-
Hackney *WwwHL* - - - -	50104	50	25	11	5	1	-	1	-	-	-	-	-	2	1	1
South Hackney - - - - -	30339	18	16	7	1	-	1	-	-	1	-	-	-	1	1	3
CENTRAL DISTRICTS.																
St. George Bloomsbury - - -	17853	13	9	6	1	-	-	-	-	-	-	-	-	2	-	-
St. Giles South *WH* - - - -	19109	19	12	6	2	-	1	-	-	2	-	-	-	2	1	1
St. Giles North - - - - -	16594	10	5	3	-	-	1	-	-	1	-	-	-	1	-	-
Long Acre - - - - - -	11379	6	5	-	1	-	-	-	-	-	-	-	-	-	-	-
Charing Cross *HH* - - - -	9859	3	6	1	1	-	-	-	-	-	-	-	-	-	1	-
St. Mary-le-Strand - - - -	9378	3	3	1	1	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes *H* - - - -	10723	6	7	2	-	-	-	-	-	2	-	-	-	1	-	-
St. George-the-Martyr *HHHHH* -	20521	13	13	1	1	-	-	-	-	-	-	1	-	-	-	1
St. Andrew Eastern *W* - - -	13529	8	12	4	1	-	-	-	-	-	-	-	-	3	-	-
Saffron Hill *H* - - - - -	9066	2	3	-	1	-	-	-	-	-	-	-	-	1	-	-
St. James Clerkenwell *W* - - -	18917	14	5	3	1	-	-	-	-	1	-	-	-	-	-	-
Amwell Clerkenwell - - - -	16884	16	6	3	-	-	-	-	-	-	-	-	-	2	-	-
Pentonville - - - - - -	13337	10	9	4	2	-	1	-	-	-	-	-	-	2	-	-
Goswell-street - - - - -	16242	13	12	6	2	-	1	-	-	3	-	-	-	1	-	-
Old-street *H* - - - - -	12161	5	3	1	-	-	-	1	-	-	-	-	-	1	-	-
City-road *HHL* - - - - -	18301	17	9	4	-	-	-	-	-	-	-	-	-	2	-	-
Whitecross-street - - - - -	13792	2	4	3	-	-	-	-	-	1	-	-	-	-	-	-
Finsbury - - - - - -	10741	5	3	1	-	-	-	-	-	-	-	-	-	-	1	1
St. Botolph East London *H* - -	14540	11	2	1	-	-	-	-	-	1	-	-	-	1	-	-
Cripplegate - - - - - -	13638	2	6	2	1	-	-	-	-	-	-	-	-	3	-	-
St. Sepulchre *H* - - - - -	7562	2	17	2	1	-	-	-	1	-	-	-	-	-	3	3
St. Bride *W* - - - - - -	11185	2	2	-	1	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard - - - - -	4426	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch - - - - -	6270	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe - - - - - -	4753	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking - - - -	5764	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad-street *H* - - - - -	7845	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: *W*—Workhou
H—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see n
at the foot of next page.

EVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT aturday, 6th July 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
olywell Shoreditch	12430	6	6	2	-	-	-	-	-	1	-	1	-	-	1	1	-
t. Leonard Shoreditch *HL*†	16545	12	8	-	2	-	-	-	-	-	-	-	-	-	-	-	1
oxton New Town *w*	27835	29	11	5	-	-	-	-	-	1	-	-	1	1	-	-	-
oxton Old Town	26933	14	15	6	3	1	-	-	-	-	-	-	-	-	2	2	-
aggerston *WH*	43421	31	26	6	6	-	2	-	-	1	-	-	-	2	-	-	10
ackney-road *H*	29822	23	9	4	2	-	-	-	-	2	-	-	-	-	-	-	-
reen, Bethnal Green *WHL*†	42433	35	20	-	6	-	-	-	-	3	-	-	-	-	-	2	8
hurch, Bethnal Green	26577	29	10	1	2	-	-	1	1	1	-	-	-	-	-	-	-
own, Bethnal Green	21273	10	10	4	-	-	-	-	-	-	-	-	-	1	1	1	-
pitalfields *H*	22499	14	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
ile End New Town *W*	15550	12	14	4	2	-	-	-	-	1	-	-	-	2	-	1	7
hitechapel North	11597	15	5	4	1	-	1	-	-	-	-	-	-	1	-	-	-
hitechapel Church *H*	7322	7	14	2	1	-	1	-	-	1	-	-	-	-	8	8	11
oodman's Fields	10381	8	5	2	-	-	-	-	-	-	-	-	-	4	-	-	-
ldgate	9224	6	6	3	-	-	-	-	-	-	-	-	-	2	-	-	-
t. Mary St. George East	17900	19	7	3	-	-	-	-	-	-	-	-	-	2	-	1	-
t. Paul St. George East	21350	19	6	3	-	-	-	-	-	-	-	-	-	2	-	-	-
t. John St. George East *W*	8802	7	11	2	5	-	-	-	-	1	-	-	-	1	1	-	6
hadwell *H*	11640	7	10	3	1	-	-	1	-	-	-	-	-	1	3	3	6
atcliff	16131	7	6	1	1	-	-	-	1	-	-	-	-	1	-	-	-
imehouse	29919	28	13	5	2	-	1	-	-	2	-	-	-	1	1	2	-
ile End Old Town Western	38128	31	16	5	2	-	-	-	-	-	-	-	-	1	1	2	-
ile End Old Town Eastern *WwcH*	55024	59	29	10	2	-	-	-	-	3	-	1	-	3	-	-	1
ow *wwwH*	67765	83	32	9	5	-	-	1	1	3	-	-	-	1	1	1	5
oplar *WW*	48611	50	24	5	3	-	-	1	-	2	-	-	-	-	3	3	1
SOUTH DISTRICTS.																	
hristchurch Southwark *WH*	14573	8	7	1	3	-	-	-	-	-	-	-	-	1	-	-	2
. Saviour Southwark *H*	15677	9	10	4	1	-	-	-	-	-	-	-	-	-	-	-	-
ent-road	20421	11	15	8	2	-	2	-	-	2	-	-	-	4	1	1	-
orough-road *WH*	16695	7	12	3	-	-	-	-	-	1	-	-	-	1	-	1	4
ondon-road *HL*	18961	18	15	8	-	-	-	-	-	3	-	-	-	5	1	2	1
rinity Newington	23682	19	11	5	2	-	-	-	-	-	-	1	-	2	-	-	-
. Peter Walworth *W*	48248	49	29	9	3	1	-	1	-	1	-	1	-	3	-	-	3
. Mary Newington	16792	10	2	-	1	-	-	-	-	-	-	-	-	1	-	-	-
. Olave Southwark *H*	4373	1	10	-	-	-	-	-	-	-	-	-	-	-	2	2	9
. John Horsleydown *W*	10500	9	4	2	-	-	-	-	-	-	-	-	-	-	-	-	1
eather Market	16787	7	6	1	-	-	2	-	-	1	-	-	-	1	-	-	-
. Mary Magdalen *W*	15709	11	6	3	1	-	1	-	-	1	-	-	-	-	-	-	1
. James Bermondsey	47933	35	21	4	3	-	1	-	-	2	-	-	-	-	-	-	-
otherhithe *W*	27096	20	11	2	4	-	1	-	-	-	-	-	-	1	-	-	1
aterloo-road 1st *H*	14074	8	3	-	-	-	-	-	-	-	-	-	-	-	-	1	-
aterloo-road 2nd *H*	18465	14	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
ambeth Church 1st *H*	19492	14	17	5	-	-	-	-	-	1	1	-	-	2	3	3	7
ambeth Church 2nd *WW*	35833	36	21	13	1	-	-	-	-	2	-	-	-	5	-	1	2
ennington 1st	41286	36	14	4	1	1	-	1	-	1	-	-	-	1	-	-	-
ennington 2nd	31221	22	17	7	2	-	-	-	-	-	-	-	1	4	-	1	-
rixton *w*	35435	40	21	2	2	1	-	3	1	-	2	1	-	-	-	2	6
orwood *W*	12536	10	8	2	-	-	-	-	1	-	-	-	-	-	-	-	-
apham *H*	27347	17	11	3	1	-	4	-	-	2	-	-	-	-	-	-	-
attersea *Ww*	54016	79	35	11	7	-	1	-	-	1	-	-	1	4	-	-	6
andsworth *HL*	19783	19	13	1	4	-	-	-	-	1	-	-	-	-	1	1	6
itney	9439	6	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
reatham	14475	10	3	1	-	-	-	-	-	1	-	-	-	-	-	-	-
lwich	4041	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
mberwell *WL*†*L*†	31254	31	12	1	2	-	-	-	-	1	-	-	-	-	-	1	6
ckham *W*	42160	46	12	4	2	-	-	-	1	3	-	-	-	1	-	-	-
George Camberwell	33851	33	10	4	2	-	-	-	-	-	-	-	-	2	1	1	-
Paul Deptford *w*	53714	56	27	6	6	7	-	-	-	2	-	-	-	1	1	-	7
Nicholas Deptford	6474	4	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
eenwich West	21034	10	8	3	3	1	-	-	-	-	-	-	-	-	-	-	-
eenwich East *WH*	19378	13	10	-	4	-	-	-	-	-	-	-	-	-	-	-	6
tham *H*	4539	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e	16440	15	3	1	2	-	-	-	-	-	-	-	-	1	1	1	-
wisham Village *WH*	11513	8	4	-	2	-	-	-	-	-	-	-	-	-	-	-	2
lenham *H*	19065	12	4	3	-	-	-	-	-	1	-	-	-	-	-	-	-
arlton *H*	9564	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1
olwich Dockyard	17226	11	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-
olwich Arsenal *WHH*	18331	10	6	2	-	-	-	-	-	-	-	-	-	1	1	1	-
mstead West	13027	9	4	2	1	-	-	-	1	-	-	-	-	-	-	-	-
mstead East *W*	15232	7	8	1	2	-	-	-	-	-	-	-	-	-	-	-	6

he following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the ve Table by *w* :—

Central London Sick Asylum in Tottenham-court sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary " " " Kentish Town sub-district.
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON — OUTER RING. — AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 6th July 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
	LONDON—OUTER RING	368,414	631,381	518	245	62	56	2	10	2	1	17	5	8	13	20	34
29 : 1	Carshalton *wL* - - -	12228	13523	5	9	1	3	-	-	-	-	-	-	-	1	1	5
2	Epsom (*part of*) * *WH* -	9971	9145	3	1	-	-	-	-	-	-	-	-	-	-	-	-
36 : 1	Godstone (*part of*) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	50	30	5	10	-	-	-	1	1	-	-	-	2	7
2	Mitcham *WH* - - -	11697	12534	6	5	1	2	-	-	-	-	1	-	-	1	-	-
38 : 1	Wimbledon *HH* - - -	3220	9087	9	4	1	1	-	-	-	-	-	-	-	1	1	-
2	Kingston *WH* - - -	8549	27489	25	7	1	2	-	-	-	-	-	-	-	1	1	-
3	Esher (*part of*) * - -	6601	7353	6	2	1	-	-	-	-	-	-	-	-	-	-	-
4	Hampton - - - -	4573	10185	14	6	-	5	-	-	-	-	-	-	-	-	-	-
39 : 1	Richmond *WH* - - -	2271	16829	13	4	1	1	-	-	-	-	1	-	1	-	-	-
2	Mortlake - - - -	2961	9316	11	1	-	-	-	-	-	-	1	-	-	-	-	-
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	19	5	2	-	-	-	-	-	-	-	-	1	3	-
2	Chislehurst (*part of*) * *W* -	13665	10028	7	4	-	2	-	-	-	-	-	-	-	1	1	1
41 : 1	Bexley *H* - - - -	13439	19566	11	3	-	-	-	-	-	-	-	-	-	1	1	1
123 : 1	Sunbury *W* - - -	11055	9860	3	2	-	-	-	-	-	-	-	-	-	-	1	2
2	Staines *W* - - - -	13277	10339	2	6	1	1	-	-	-	-	1	-	-	-	-	-
124 : 1	Hillingdon *WH* - - -	6029	9712	10	3	-	2	-	-	-	-	-	-	-	-	-	3
2	Uxbridge - - - -	6178	5329	3	2	-	1	-	-	-	-	-	-	-	-	-	-
3	Hayes *WL* - - - -	14587	10497	4	5	-	3	-	-	-	-	-	-	-		-	4
125 : 1	Isleworth *W* - - -	7008	19930	12	3	1	-	-	-	-	-	-	-	-	-	-	-
2	Twickenham - - -	2477	10533	3	4	1	1	-	-	-	-	-	-	-	-	-	-
3	Brentford *HL* - - -	4370	20279	10	11	5	3	-	3	-	-	-	-	1	-	1	-
4	Chiswick - - - -	1311	8508	8	7	3	-	-	-	1	-	1	-	1	-	-	-
5	Acton *WH* - - - -	6087	12683	10	7	5	1	-	-	-	-	-	-	4	-	1	-
126 : 1	Harrow *H* - - - -	13809	10869	6	6	-	2	-	-	1	-	1	-	-	-	-	-
2	Edgware *H* - - -	6994	3450	1	1	-	-	-	-	-	-	-	-	-	-	1	-
3	Willesden - - - -	4383	15869	15	11	4	-	-	-	-	-	4	-	-	-	-	-
4	Hendon *WH* - - -	8382	6972	4	4	1	1	-	-	-	-	1	-	-	-	-	1
127 : 1	South Mimms - - -	15419	5924	3	2	-	2	-	-	-	-	-	-	-	-	-	-
2	Barnet *W* - - - -	5423	7752	1	2	-	-	-	1	-	-	-	-	-	-	-	-
3	Finchley *L* - - - -	4688	11493	12	2	-	-	-	1	-	-	-	-	-	-	-	-
128 : 1	Hornsey *H* - - - -	3039	19357	15	8	4	3	-	-	-	-	2	1	-	-	-	-
2	Tottenham *H* - - -	4642	22869	19	5	-	1	-	-	-	-	-	-	-	-	-	-
3	Edmonton *WW* - - -	7483	13860	13	9	2	2	-	-	-	-	-	1	-	-	-	5
4	Enfield *WH* - - -	12653	16054	2	4	1	1	-	1	-	-	-	1	-	-	-	-
5	Waltham Abbey - - -	11017	5197	2	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	7	1	-	-	-	-	-	-	-	-	-	-	-	-
134 : 1	Hatfield (*part of*) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	4	2	1	-	-	-	-	-	-	-	-	-	-	-
185 : 1	Stratford - - - -	882	23286	43	13	10	-	-	-	-	-	1	-	-	-	-	-
2	West Ham *WWWW* - -	7345	44642	71	23	6	2	2	2	-	-	1	-	1	2	2	2
3	Leyton *WW* - - -	4274	15513	18	9	2	3	-	2	-	-	-	1	-	-	-	3
4	Walthamstow *H* - -	6619	15701	17	5	1	1	-	-	-	-	1	-	-	-	-	-
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	8	1	-	-	-	-	-	-	-	-	-	1	1	-
188 : 1	Romford (*part of*) * - -	6730	2879	2	1	-	-	-	-	-	-	-	1	-	-	-	-
2	Ilford - - - - -	8492	5947	6	1	1	-	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	5	4	-	-	-	-	-	-	-	-	-	3	3	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:—29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903); 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoidon-Bois (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 6th July 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	
ATER LONDON	446,494	4,450,015	20·6	4·6	1756	531	295	21	41	21	12	125	22	153	73	308
NNER LONDON -	78,080	3,577,304	22·0	5·1	1511	469	239	19	31	19	11	108	17	145	60	274
UTER RING -	368,414	872,711	14·7	2·7	245	62	56	2	10	2	1	17	5	8	13	34

TE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal ·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area ,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, ich 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than les to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,751,796 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	May	25	-	292	35·4	Small-pox 70; cholera 22.
BOMBAY - -	644,405	„	28	-	529	42·7	Small-pox 12; cholera 29; remittent fever 214.
MADRAS - -	397,552	„	10	246	315	41·2	Small-pox 7; fevers 81.
PARIS - - -	1,988,806	July	4	-	881	23·0	Typhoid fever 20; diphtheria 27.
GENEVA - -	68,792	June	29	34	29	22·0	—
BRUSSELS - -	175,782	„	22	113	67	19·9	—
AMSTERDAM -	302,266	„	22	203	134	25·8	Typhus and typhoid fever 2.
ROTTERDAM -	142,585	„	22	101	77	28·0	—
THE HAGUE -	107,896	„	22	85	49	23·5	—
COPENHAGEN -	220,000	„	25	158	87	20·6	Diphtheria 2.
STOCKHOLM -	146,845	„	22	-	71	24·2	Scarlet fever 2.
CHRISTIANIA -	105,000	„	29	96	37	19·0	—
ST. PETERSBURGH	669,741*	„	22	-	615	46·3	Small-pox 18; typhus and typhoid fever 86.
BERLIN - -	1,019,620	„	15	786	775	39·1	Diph. 23; scarlet fev. 17; diarrhœal diseases 237.
HAMBURG (State)	406,604	„	22	302	215	27·6	Whooping-cough 4; diphtheria and croup 8.
DRESDEN - -	207,845	„	22	-	-	-	—
BRESLAU - -	267,000	„	29	190	205	39·9	Diphtheria 2; fevers 5.
MUNICH - -	222,000	„	29	179	144	34·0	Diphtheria and croup 4; whooping-cough 3.
VIENNA - -	727,271	„	29	557	386	27·6	Small-pox 17; diphtheria 10.
BUDA-PESTH -	319,530	„	22	230	282	46·0	Small-pox 4; typhus and typhoid fever 8.
ROME - - -	282,214	May	18	122	133	24·6	Diphtheria and croup 2.
NAPLES - -	457,407	„	27	-	-	-	—
TURIN - -	227,843	June	22	123	144	33·0	Small-pox 4; typhus and typhoid fever 6.
VENICE - -	139,796	„	29	87	74	27·6	Typhoid fever 4.
ALEXANDRIA -	212,034	„	20	137	183	45·0	Whooping-cough 12.
NEW YORK -	1,084,528	„	8	-	434	20·8	Scarlet fever 17; diphtheria 19.
BROOKLYN -	549,438	„	1	-	176	16·7	Scarlet fever 9; croup 6.
PHILADELPHIA	876,118	„	15	-	280	16·7	Scarlet fever 8; typhoid fever 5; diphtheria 4.
BALTIMORE -	355,000	„	8	-	145	21·3	Scarlet fever 3.

* The rate of mortality in St. Petersburgh is calculated on the population enumerated at the last Census in 1869, and is thus probably overstated, as the population of the city is said to have increased in a remarkable manner since that date.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 6th JULY, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.	Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Between Dew Point and Air Temperature. Greatest.	Between Dew Point and Air Temperature. Least.	Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure on square foot. Greatest.	Osler's. Pressure. Least.	Osler's. Pressure. Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
JUNE.		in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN. . 30	New	29·652	73·6	54·0	19·6	61·6	59·5	124·3	46·8	70·3	67·3	2·1	10·5	0·2	+ 0·4	93	NE. NNE. & N.	N. & NNE.	0·8	0·0	0·0	162	−103	0·89	0·0
JULY.																									
MON. . 1	..	29·740	69·9	51·6	18·3	60·6	53·8	126·9	46·7	71·3	68·3	6·8	13·1	0·0	− 0·6	78	NE. & NNE.	NE.	0·3	0·0	0·0	153	−117	0·00	2·5
TUES. . 2	..	29·696	61·3	52·2	9·1	54·9	49·3	90·0	52·2	70·8	68·8	5·6	8·0	2·6	− 6·2	82	NE.	SW. NE. & NNE.	0·6	0·0	0·0	186	− 87	0·03	1·5
WED. . 3	..	29·805	63·6	50·4	13·2	55·2	48·2	101·3	50·4	69·3	66·8	7·0	10·6	2·6	− 6·0	78	N. & W.	N. & NNE.	0·7	0·0	0·0	163	−107	0·02	0·0
THURS. 4	..	29·975	72·1	44·0	28·1	60·0	48·8	134·5	39·0	67·8	65·3	11·2	20·2	0·0	− 1·3	67	SW. & WSW.	W. & WSW.	1·8	0·0	0·1	236	− 27	0·00	0·5
FRI. . 5	Perigee. In Equator	29·933	74·9	53·2	21·7	62·5	55·7	134·2	49·0	66·8	65·3	6·8	16·1	2·6	+ 1·0	78	WSW.	WSW.	2·8	0·0	0·4	359	+109	0·00	1·8
SAT. . 6	..	29·827	76·7	56·2	20·5	65·8	55·5	126·8	53·0	66·8	65·3	10·3	19·2	0·9	+ 4·2	69	WSW.	W. & WSW.	6·2	0·0	0·6	408	+170	0·00	3·5
MEANS .	..	29·804	70·3	51·7	18·6	60·1	53·0	119·7	48·2	69·0	66·7	7·1	14·0	1·3	− 1·2	78	NE. & WSW.		..	..	..	Sum 1667	Sum −162	Sum 0·94	1·4
No. of Col.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. JUNE.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY .	30	The electrical apparatus was not in action throughout the week.	0·3	16·5	Overcast generally. Frequent rain with thunder during the day.
JULY.					
MONDAY .	1		1·6	16·5	Generally cloudy. A little thin rain in afternoon and evening.
TUESDAY .	2		0·4	16·5	Overcast generally. Occasional rain in morning.
WEDNESDAY	3		2·8	16·4	Generally cloudy. Occasional rain in morning and afternoon.
THURSDAY .	4		9·8	16·4	A fine day. Light clouds generally prevailed.
FRIDAY .	5		3·3	16·4	Generally cloudy. Fine.
SATURDAY .	6		3·4	16·4	Fine. Cloudy.
..		..	Sum 21·6	Sum 115·1	
No. of Col. .		28	29	30	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and − "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Sir E. Y. W. Henderson, R.E., K.C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 29·62 in. at the beginning of the week to 29·76 in. by 9h. A.M. on the 1st of July; decreased to 29·69 in. by 3h. P.M. on the 2nd; increased to 29·98 in. by noon on the 4th; decreased to 29·82 in. by 3h. P.M. on the 6th; and was 29·83 in. at the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 28. 1878. Vol. XXXIX.] Week ending Saturday, July 13. [Price 1½*d.*

General Register Office, Somerset House,
15th July, 1878.

United Kingdom.

During last week 5801 *births* and 3525 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality from all causes was at the average rate of 22 deaths annually in every 1000 persons living. The annual death-rate was 21 per 1000 in Edinburgh, 20 in Glasgow, and 23 in Dublin ; 23 deaths from small-pox were registered in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow :—Portsmouth 13, Wolverhampton 13, Bristol 14, Bradford 16, Birmingham 16, Brighton 17, Leeds 18, Plymouth 18, Salford 19, Nottingham 20, Newcastle 21, Sheffield 22, Oldham 23, London 23, Sunderland 24, Hull 24, Norwich 25, Leicester 27, Manchester 27, and the highest rate 29 in Liverpool. The annual death-rate from the seven principal zymotic diseases averaged 5·5 per 1000 in the twenty towns, and ranged from 1·0 in Bristol, to 6·2, 8·2, and 12·5 in Hull, Liverpool, and Leicester. Scarlet fever showed fatal prevalence in Liverpool, Sheffield, and Birmingham. Infantile diarrhœa caused the high zymotic death-rate in Hull and Leicester. The fatal cases of small-pox in London and its suburban districts declined to 15 ; and no death from this disease was recorded in any of the nineteen large provincial towns.

The fatal cases of diarrhœa in the twenty towns, which had been 56, 133, and 269 in the three preceding weeks, further rose to 433 last week. The annual death-rate from this disease was equal to 3·6 in London, and averaged 2·6 in the nineteen other towns, among which it ranged from 0·3 in Bristol, to 4·2 in Manchester, 5·8 in Hull, and 12·0 in Leicester.

London.

In London 2394 births and 1589 deaths were registered. Allowing for increase of population, the births exceeded by 65, and the deaths by 93, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 22·9 and 22·0 per 1000, rose last week to 23·2.

The 1589 deaths included 11 from small-pox, 16 from measles, 20 from scarlet fever, 8 from diphtheria, 85 from whooping-cough, 19 from different forms of fever, and 249 from diarrhœa; thus to the seven principal diseases of the zymotic class 408 deaths were referred, against 215, 280, and 350 in the three preceding weeks. These 408 deaths were 26 above the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 5·9 per 1000. The fatal cases of small-pox, measles, scarlet fever, and fever, were considerably below the corrected average weekly numbers. The 85 deaths from whooping-cough, although showing a marked decline from the numbers in recent weeks, exceeded the corrected average by 38 ; the disease showed fatal prevalence in Pancras, Islington, Bethnal Green, and Battersea. The 8 deaths from diphtheria were three less than those in the previous week, but included 5 in the South group of districts. The 19 deaths from fever exceeded those in the previous week by 2, but were 13 below the corrected weekly average ; 2 fatal cases of fever were certified as typhus, 13 as enteric or typhoid, and 4 as simple continued fever. The 2 fatal cases of typhus were recorded in the Stockwell Fever Hospital, to which they had both been admitted from 4, Clarke's Orchard, Rotherhithe. Three deaths were referred to enteric fever in Bethnal Green, 2 in Lambeth, and 2 in Battersea.

The deaths referred to diarrhœa, which had been 23, 72, and 145 in the three preceding weeks, further rose to 249, and exceeded the corrected weekly average by 53 ; they included 195 of infants under one year of age, and 39 of children aged

between one and five years. Diarrhœa fatality showed a marked excess in Pancras, Islington, Clerkenwell, Newington, and Lambeth. The deaths of 4 infants and of 3 adults were referred to choleraic diarrhœa or simple cholera. The cause of the death of a female aged 64 years on 9th instant at 32, Castle Street, City, was certified as "drain poison, choleraic diarrhœa 2 hours."

The deaths from small-pox, which had been 38 and 19 in the two previous weeks, further declined to 11 last week, which were 13 below the corrected average number in the corresponding week of the last ten years; 7 occurred in the Metropolitan Asylum Hospitals, and 4 in private dwelling-houses. Of the 11 fatal cases, 8 (including 7 of children under five years of age) were certified as unvaccinated, and one (of an adult) as vaccinated; in the other 2 cases the medical practitioners omitted to give any information relating to vaccination in their certificates.

The small-pox patients in the Metropolitan Asylum Hospitals were 854 on 20th April last, but have since steadily declined to 310 on Saturday last; the new cases admitted to these hospitals, which were 261 in the second week of April, declined to 39 last week. The Homerton and Stockwell Hospitals are shortly to be closed for repairs and cleansing; all new cases will, therefore, now be sent to the hospitals at Hampstead, Fulham, and Deptford. The Highgate Small-pox Hospital contained 21 patients on Saturday last.

Different forms of violence caused 71 deaths; 63 were the result of negligence or accident, including 27 from fractures and contusions, 6 from burns and scalds, 10 from drowning, and 16 of infants under one year of age from suffocation, of which 3 occurred in the Hackney Road sub-district of Bethnal Green. The 27 deaths from fractures and contusions were thus caused:—males aged 52 and 30, and female aged 1, run over by carts; males 13 and 36, run over by carriages; male 23, run over by a break; males 2 and 25, run over by vans; male 5, run over by a cab; male 13, run over by an omnibus; male 35, crushed by a stone-truck; male 28, run over on railway at North Kent Junction; male 42, run over on railway near Spa Road Station; male 42, jammed between timber and engine at Nine Elms Station; male 50, run over at Wandsworth Road Station (L. C. and D. R.); female 31, fell between carriages and platform at Cannon Street Station; male 35, run over on East London Railway; males 53 and 60 (intox.), and female 3, fell down stairs; male 75, fell from a window; male 70, fell from a ladder; male 53, by a fall (not stated how); male 45, by fracture of the skull; male 60, crushed (not stated how); male 1, by fall of iron upon him; and female 87, by injury to hip (not stated how). An inquest was held in each of these cases except the last, which was certified by a registered medical practitioner.

Greater London.

In the Greater London 2927 births and 1871 deaths were registered, equal to annual rates of 34·3 and 21·9 per 1000 of the population. In the Outer Ring, small-pox caused 4 deaths in West Ham, Stratford, and Leyton; and in the same sub-districts, 6 deaths resulted from whooping-cough, 6 from diarrhœa, 3 from measles, one from diphtheria, and one from fever.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 34, Bombay 39, Madras 36; Paris 24; Geneva 33; Brussels 25; Amsterdam 32, Rotterdam 31, The Hague 22; Copenhagen 23; Stockholm 27; Christiania 15; St. Petersburgh 46; Berlin 40, Hamburg 31, Dresden 30, Breslau 37, Munich 33; Vienna 27, Buda-Pesth 36; Rome 32, Naples 36, Turin 27, Venice 25; Alexandria 48; New York 22, Brooklyn 17, Philadelphia 18, and Baltimore 21.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·80 in.; the highest reading was 29·98 in. on Monday evening, and the lowest 29·70 in. on Thursday afternoon. The mean temperature of the *air* was 61°·9, and 0°·3 below the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed a small excess on Sunday, Monday, and Tuesday, but was below the average on the three following days; it was 64°·2 on Sunday, but fell to 59°·8 on Thursday. The lowest night temperature was 52°·0 on Tuesday, and the highest day temperature in the shade 76°·1 on Sunday; the extreme range in the week was, therefore, 24°·1. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 138°·3 on Saturday. The difference between the mean *dew-point* and *air* temperature averaged 9°·9. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 66°·1. The mean degree of *humidity* of the air was 70, complete saturation being represented by 100; the air was therefore dry. The direction of the *wind* was variable, and the horizontal movement of the air averaged 10·6 miles per hour, which was 1·5 above the average in the corresponding week of 16 years. *Rain* fell on Tuesday, to the amount of 0·02 of an inch. The duration of registered sunshine was 33·3 hours, the sun being above the horizon during 113·8 hours.

ABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, the 13th July, 1878.

CITIES AND BOROUGHS. (nicipal Boundaries, ept for LONDON and DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 13th July, 1878.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
3 TOWNS in the ITED KINGDOM	220,307	8,373,953	38·0	5801	3525	76·5	40·7	59·0	15·00	0·13	0·33
DON	75,362	3,577,304	47·5	2394	1589	76·1	52·0	61·9	16·61	0·02	0·05
GHTON	2,354	103,923	44·1	56	33	74·0	50·8	61·0	16·11	0·16	0·41
TSMOUTH	4,486	129,461	28·9	98	33	–	–	–	–	–	–
WICH	7,472	84,620	11·3	41	41	73·5	53·0	59·6	15·34	0·01	0·03
MOUTH	1,395	73,599	52·8	57	26	71·5	53·0	59·1	15·06	0·76	1·93
TOL	4,452	206,419	46·4	113	56	74·4	49·0	59·9	15·50	0·46	1·17
VERHAMPTON	3,396	74,240	21·9	58	19	72·0	47·6	56·8	13·78	0·01	0·03
MINGHAM	8,400	383,117	45·6	326	119	–	–	–	–	–	–
ESTER	3,200	121,473	38·0	111	62	71·5	45·8	56·0	13·33	0·00	0·00
TINGHAM	9,960	165,267	16·6	142	64	73·7	45·1	58·1	14·50	0·20	0·51
RPOOL	5,210	532,681	102·2	362	294	64·3	52·4	56·6	13·67	0·07	0·18
CHESTER	4,293	360,514	84·0	259	188	–	–	–	–	–	–
ORD	5,170	170,251	32·9	143	61	76·5	41·1	55·7	13·17	0·17	0·43
HAM	4,666	107,366	23·0	82	47	–	–	–	–	–	–
DFORD	7,220	185,088	25·6	127	57	72·2	48·0	58·1	14·50	0·08	0·28
DS	21,572	304,948	14·1	204	104	76·0	49·0	59·7	15·39	0·00	0·00
FFIELD	19,651	289,537	14·7	213	120	72·0	44·7	58·1	14·50	0·02	0·05
L	3,635	143,139	39·4	119	66	73·0	46·0	59·0	15·00	0·03	0·08
DERLAND	2,768	112,459	40·6	108	51	74·0	50·0	59·9	15·50	0·14	0·36
CASTLE-ON-TYNE	5,371	144,570	26·9	116	57	–	–	–	–	–	–
NBURGH	4,191	222,371	53·1	130	88	72·0	48·0	59·9	15·50	0·06	0·15
SGOW	6,033	566,940	94·0	357	213	72·0	48·0	62·2	16·78	0·05	0·13
LIN	10,050	314,666	31·3	185	137	75·4	40·7	59·9	15·50	0·04	0·10

For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.
The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the ion of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, rd, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the f local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the ber enumerated in April 1871.

BLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday the 13th July, 1878.

OROUGHS, &c. (nicipal Boundaries, ept for LONDON and DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
				Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.		
1 20 TOWNS	22·2	5·5	3087	1095	480	11	33	89	19	131	44	433	126	194	377
DON	23·2	5·9	1589	598	247	11	16	20	8	85	19	249	71	116	250
GHTON	16·6	2·0	33	5	11	–	1	–	–	–	1	2	1	1	4
TSMOUTH	13·3	3·6	33	13	3	–	1	–	–	3	2	3	–	–	3
WICH	25·3	5·6	41	17	8	–	–	–	–	5	1	3	1	1	4
MOUTH	18·4	2·8	26	2	9	–	1	1	1	–	–	1	–	–	2
TOL	14·2	1·0	56	8	18	–	–	–	–	2	1	1	3	3	8
VERHAMPTON	13·4	4·2	19	7	7	–	–	–	–	1	1	4	–	1	3
MINGHAM	16·2	4·4	119	43	14	–	–	13	1	6	3	9	4	4	5
ESTER	26·6	12·5	62	40	5	–	–	–	–	–	1	28	–	–	2
TINGHAM	20·2	1·6	64	25	13	–	–	–	1	1	–	3	2	6	5
RPOOL	28·8	8·2	294	96	44	–	4	26	1	5	7	41	18	22	34
CHESTER	27·2	5·6	188	60	20	–	3	1	–	5	1	29	6	10	20
ORD	18·7	5·2	61	25	4	–	–	1	–	3	1	12	1	2	3
HAM	22·8	5·8	47	15	6	–	2	5	2	1	1	1	1	1	5
DFORD	16·1	3·4	57	15	5	–	–	–	4	3	2	3	–	3	5
DS	17·8	3·4	104	30	20	–	1	3	–	8	1	7	2	5	7
FFIELD	21·6	4·7	120	42	9	–	1	11	–	1	1	12	7	8	5
L	24·1	6·2	66	25	15	–	–	–	–	–	1	16	3	2	8
DERLAND	23·7	5·6	51	15	5	–	3	3	–	1	–	5	2	4	3
CASTLE-ON-TYNE	20·6	4·0	57	14	17	–	–	5	1	1	–	4	4	5	1
LIN	22·7	5·8	137	22	29	23	–	3	1	1	4	3	4	5	52

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the TWENTY-EIGHTH Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2143	2051	2131	1904	2172	2217	2323	2203	2311	2310	2176·5	2394
Males . .	1111	1030	1072	959	1082	1142	1141	1081	1217	1202	1103·7	1222
Females .	1032	1021	1059	945	1090	1075	1182	1122	1094	1108	1072·8	1172
TOTAL **Deaths**	1505	1313	1498	1259	1285	1181	1534	1481	1475	1449	1398·0	1589
Males . .	774	685	777	639	658	578	835	825	768	736	727·5	864
Females .	731	628	721	620	627	603	699	656	707	713	670·5	725

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Apr. 20.	Apr. 27.	May 4.	May 11.	May 18.	May 25.	June 1.	Jun 8.	June 15.	June 22.	June 29.	July 6.	July 13.
TOTAL **Deaths** - - -	1773	1661	1545	1383	1380	1381	1419	1481	1300	1391	1570	1511	1589
0—20 - -	899	876	775	709	670	707	761	773	684	687	782	807	957
20—40 - -	241	218	235	213	194	192	218	178	181	203	218	183	160
40—60 - -	279	286	240	215	258	225	212	254	190	260	260	222	225
60—80 - -	295	232	252	206	215	208	183	240	210	210	252	199	213
at 80 years & upwds.	59	49	43	40	43	49	45	36	35	31	58	40	34
Deaths of children: Under 1 year -	379	394	371	306	303	317	346	353	341	328	392	469	598
Deaths of children: 1—5 - -	375	357	286	296	261	274	295	296	250	266	284	292	279
Deaths of children: 5—20 - -	145	125	118	107	106	116	120	124	93	93	106	106	80
Deaths from 7 principal Zymotic Diseases	323	305	295	245	259	246	276	285	220	215	280	350	408
" " Smallpox - -	80	63	60	48	48	43	40	42	24	19	38	19	11
" " Measles - -	31	38	29	33	28	14	15	18	20	17	24	31	16
" " Scarlet Fever -	37	22	27	24	26	17	17	27	24	17	23	19	20
" " Diphtheria -	8	11	10	9	12	20	17	16	8	12	7	11	8
" " Whooping-cough	123	136	117	110	102	116	152	135	101	108	97	108	85
" " Typhus fever -	3	3	5	1	3	2	4	2	2	3	5	3	2
" " Enteric (or Typhoid) fever -	14	15	19	8	16	15	11	15	14	11	10	9	13
" " Simple Contd fever	9	6	5	5	3	3	–	5	6	5	4	5	4
" " Diarrhœa - -	18	11	23	7	21	16	20	25	21	23	72	145	249
" " Simple Cholera -	–	–	1	–	–	–	–	–	–	–	6	11	7
" " Dis. of Respiratory Organs -	398	345	284	225	199	204	206	270	200	204	236	188	180
" " Phthisis - -	188	174	189	139	171	151	208	162	169	192	187	170	149
" " Heart Diseases -	88	71	70	74	79	77	69	91	71	95	105	76	79
Violent Deaths - - -	75	64	60	66	75	59	55	59	49	48	46	60	71
Inquest Cases - - -	124	100	101	96	109	85	92	94	76	86	76	94	116
Deaths in Public Institutions	360	334	307	264	274	298	280	283	236	257	308	274	250
TEMPERATURE OF THE AIR:													
Mean - - - -	51°·5	51°·2	55°·5	56°·7	58°·0	51°·8	52°·7	57°·1	55°·7	59°·0	70°·7	60°·1	61°·9
Mean of Highest readings -	61·0	61·6	66·5	66·6	67·6	62·2	62·4	68·0	64·6	71·3	82·8	70·3	71·8
Mean of Lowest readings -	44·4	44·0	47·0	48·3	50·7	44·2	45·5	48·1	49·1	48·0	57·9	51·7	54·0
Mean Temperature of the Water of the Thames -	50·0	53·5	55·7	58·7	60·9	59·7	58·3	58·5	60·6	60·3	65·1	67·9	66·1
Humidity of the Air - -	85	80	77	79	75	77	81	79	77	76	63	78	70
Rain-fall in inches - -	0·73	0·20	0·66	2·10	0·63	0·81	0·39	0·80	1·28	0·99	0·61	0·94	0·02
Registered Sunshine (in hours)	17·9	40·6	35·8	33·5	48·3	36·4	29·3	25·3	39·8	42·4	73·9	21·6	33·3

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-EIGHTH Week of the Year 1878.

CAUSES OF DEATH.	Average in the Twenty eighth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, July 13, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0—1.	1—5.	5—20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature -	63°·4	61°·9							
ALL CAUSES - -	1398·0	1589	598	279	80	160	225	213	34
SPECIFIED CAUSES	1390·9	1585	596	279	79	160	224	213	34
I. ZYMOTIC.									
ORDER 1.									
Small-pox - - -	22·3	11	4	3	2	-	2	-	-
Measles - - -	27·1	16	4	12	-	-	-		-
Scarlet Fever - -	42·9	20	-	13	6	1	-	-	-
Diphtheria - -	7·4	8	-	4	3	1	-	-	-
Quinsy - - -	1·0	1	-	-	-	-	-	1	-
Croup - - -	10·2	12	1	10	1	-	-	-	-
Whooping-cough -	44·1	85	45	39	1	-	-	-	-
Typhus - - -	30·3 (Enteric or Typhoid Fev.)	2	-	-	-	2	-	-	-
Enteric or Typhoid Fev.		13	-	2	5	4	-	2	-
Simple continued Fev.		4	-	1	-	2	-	1	-
Erysipelas - -	7·7	4	1	1	-	-	-	2	-
Puerperal Fev. (Metria)	4·4	1	-	-	-	1	-	-	-
Carbuncle - -	·9	1	-	-	-	-	1	-	-
Influenza - - -	—	1	1	-	-	-	-	-	-
Dysentery - -	1·8	2	1	-	-	-	1	-	-
Diarrhœa - - -	183·3	249	195	39	1	-	6	7	1
Simple Cholera - -	11·7	7	3	1	-	-	1	2	-
Ague - - - -	·4	-	-	-	-	-	-	-	-
Remittent Fever -	·2	-	-	-	-	-	-	-	-
Rheumatism - -	6·9	4	-	-	-	1	-	3	-
Other *Zymotic* Diseases	·5	-	-	-	-	-	-	-	-
ORDER 2.									
Syphilis - - -	8·2	8	6	2	-	-	-	-	-
Stricture of Urethra -	·8	-	-	-	-	-	-	-	-
Hydrophobia - -	—	-	-	-	-	-	-	-	-
Glanders - - -	·1	-	-	-	-	-	-	-	-
ORDER 3.									
Privation - - -	·2	1	-	-	-	-	-	1	-
Want of Breast-milk	13·6	15	15	-	-	-	-	-	-
Purpura and Scurvy -	2·7	4	1	2	-	1	-	-	-
Alcoholism - *a* Del. Tremens	2·0	3	-	-	-	2	1	-	-
Alcoholism - *b* Intemperance	1·6	4	-	-	-	-	3	1	-
ORDER 4.									
Thrush - - -	4·9	2	2	-	-	-	-	-	-
Worms, &c. - -	·3	-	-	-	-	-	-	-	-
II. CONSTITUTIONAL.									
ORDER 1.									
Gout - - - -	1·9	2	-	-	-	-	-	2	-
Dropsy - - -	8·2	12	1	1	2	-	2	6	-
Cancer - - -	39·1	35	-	1	-	2	20	10	2
Cancrum Oris (Noma)	·1	1	-	1	-	-	-	-	-
Mortification - -	3·9	2	-	-	-	-	-	2	-
ORDER 2.									
Scrofula - - -	9·3	20	9	8	2	-	-	1	-
Tabes Mesenterica -	31·3	56	46	7	3	-	-	-	-
Phthisis - - -	156·7	149	1	8	11	70	43	16	-
Hydrocephalus - -	28·4	37	17	16	4	-	-	-	-
III. LOCAL.									
ORDER 1.									
Cephalitis - - -	21·2	30	9	16	1	2	1	1	-
Apoplexy - - -	32·4	39	2	2	1	5	11	18	-
Paralysis - - -	23·9	33	-	-	1	1	5	24	2
Insanity - - -	1·8	6	-	-	-	-	3	3	-
Chorea - - -	·4	-	-	-	-	-	-	-	-
Epilepsy - - -	7·1	5	-	-	3	1	1	-	-
Convulsions - -	47·1	60	46	14	-	-	-	-	-
Brain Disease, &c. -	18·2	16	-	-	2	1	9	3	1
ORDER 2.									
Pericarditis - -	1·5	1	-	1	-	-	-	-	-
Aneurism - - -	3·2	4	-	-	-	3	1	-	-
Heart Disease, &c. -	59·3	74	1	-	4	18	22	25	4
ORDER 3.									
Laryngitis - - -	5·4	8	3	4	-	1	-	-	-
Bronchitis - - -	72·9	93	26	24	2	2	13	22	4
Pleurisy - - -	2·9	3	-	-	-	2	1	-	-
Pneumonia - -	46·4	55	13	18	5	4	8	6	1
Asthma - - -	3·7	6	-	-	-	-	3	1	2
Lung Disease, &c. -	9·5	15	7	5	1	-	-	2	-

CAUSES OF DEATH.	Average in the Twenty-eighth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, July 13, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0—1.	1—5.	5—20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature -	63°·4	61°·9							
ORDER 4.									
1. Gastritis - - -	1·9	1	-	-	-	-	1	-	-
2. Enteritis - - -	6·3	9	4	2	1	-	-	2	-
3. Peritonitis - - -	3·7	6	1	-	2	1	1	1	-
4. Ascites - - -	1·9	1	1	-	-	-	-	-	-
5. Ulceration of Intestines	3·9	4	-	-	1	-	3	-	-
6. Hernia - - -	2·9	2	-	-	-	-	1	1	-
7. Ileus - - - -	3·2	6	1	-	-	3	2	-	-
8. Intussusception -	1·0	-	-	-	-	-	-	-	-
9. Stricture of Intestines	·7	1	-	-	-	-	-	1	-
10. Fistula - - -	·4	-	-	-	-	-	-	-	-
11. *Stomach Disease, &c.* -	6·9	8	1	-	-	1	3	2	1
12. *Pancreas Disease, &c.*	—	-	-	-	-	-	-	-	-
13. Hepatitis - - -	5·0	6	-	-	-	1	3	2	-
14. Jaundice - - -	3·6	4	1	-	-	-	2	1	-
15. *Liver Disease, &c.* -	17·6	18	1	-	1	3	8	5	-
16. *Spleen Disease, &c.* -	·6	2	-	-	1	-	1	-	-
ORDER 5.									
1. Nephritis - - -	3·0	4	1	-	-	2	1	-	-
2. Ischuria - - -	·2	-	-	-	-	-	-	-	-
3. Bright's Dis. (Nephria)	9·2	10	-	-	-	1	6	3	-
4. Diabetes - - -	1·8	3	-	-	-	1	1	1	-
5. Calculus (Stone) -	·4	1	-	-	-	-	-	1	-
6. Cystitis - - -	1·4	3	-	-	-	1	-	1	1
7. *Kidney Disease, &c.* -	8·2	8	-	-	-	-	5	3	-
ORDER 6.									
1. Ovarian Dropsy -	·9	-	-	-	-	-	-	-	-
2. *Uterus Disease, &c.* -	4·6	5	-	-	-	1	4	-	-
ORDER 7.									
1. Synovitis (Arthritis)	·3	-	-	-	-	-	-	-	-
2. *Joint Disease, &c.* -	6·9	8	-	2	3	1	2	-	-
ORDER 8.									
1. Phlegmon - - -	2·6	6	3	2	-	-	-	1	-
2. Ulcer - - - -	1·6	1	-	-	-	-	-	1	-
3. *Skin Disease, &c.* -	1·2	3	3	-	-	-	-	-	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth -	20·9	27	27	-	-	-	-	-	-
2. Cyanosis - - -	2·3	2	2	-	-	-	-	-	-
3. Spina Bifida - -	1·3	1	-	1	-	-	-	-	-
4. Other Malformations	2·1	3	3	-	-	-	-	-	-
5. Teething - - -	13·5	17	10	7	-	-	-	-	-
ORDER 2.									
1. Paramenia - - -	·3	-	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever) - -	6·0	6	-	-	-	6	-	-	-
ORDER 3.									
1. Old Age - - -	38·2	29	-	-	-	-	-	16	13
ORDER 4.									
1. Atrophy and Debility	76·5	69	63	2	-	-	1	3	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	19·3	27	-	4	3	8	7	4	1
2. Wounds { Gunshot	·6	1	-	-	-	-	1	-	-
2. Wounds { Cut, Stab		-	-	-	-	-	-	-	-
3. Burns and Scalds -	2·8	6	-	4	-	1	1	-	-
4. Poison - - -	1·0	1	-	-	-	-	1	-	-
5. Drowning - - -	10·9	10	-	-	5	1	4	-	-
6. Suffocation - -	7·8	16	13	-	-	-	1	1	1
7. Otherwise - - -	4·2	2	-	-	1	-	1	-	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	2·0	3	1	-	-	-	2	-	-
ORDER 4. SUICIDE.)									
1 Wounds { Gunshot -	·5	-	-	-	-	-	-	-	-
1 Wounds { Cut, Stab -	·9	1	-	-	-	-	1	-	-
2. Poison - - -	1·5	1	-	-	-	1	-	-	-
3. Drowning - - -	1·4	2	-	-	-	-	2	-	-
4. Hanging - - -	1·2	-	-	-	-	-	-	-	-
5. Otherwise - - -	·5	1	-	-	-	-	-	1	-
ORDER 5. (EXECUTION.)									
1. Hanging - - -	—	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - -	·7	-	-	-	-	-	-	-	-
Causes not specified or ill-defined - - -	6·4	4	2	-	1	-	1	-	-

*These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered ing 1878.

†The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, slaughter, or suicide. All such cases are classed under "accident or negligence."

Table 6. LONDON.—Population, Births, Deaths from all Causes, and from Small-pox, Measles, Scarlet
during the Week ending

Registration Sub-districts.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age.	Deaths of Persons aged 60 Years & upwds.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
LONDON	3,254,260	2394	1589	598	247	11	16	20	8	85	2	13	4	249	71	116	250
West Districts	561,359	357	254	76	44	-	7	4	-	11	-	1	1	34	10	20	38
North Districts	751,729	559	353	150	53	3	1	3	1	21	-	2	1	61	12	21	51
Central Districts	334,369	174	169	55	22	-	3	5	1	10	-	-	-	33	14	19	34
East Districts	639,111	507	324	128	51	1	2	4	1	18	-	5	1	55	21	29	55
South Districts	967,692	797	489	189	77	7	3	4	5	25	2	5	1	66	14	27	72
West Districts.																	
St. Mary Paddington *WH*	58728	44	16	4	4	-	-	-	-	-	-	-	-	4	-	-	2
St. John Paddington *H*	38085	17	8	1	2	-	-	-	-	-	-	1	-	1	-	-	3
Kensington Town *W*	91645	64	47	14	7	-	1	-	-	5	-	-	-	10	2	5	2
Brompton *H*	28654	15	7	1	-	-	-	-	-	-	-	-	-	1	-	-	3
St. Peter Hammersmith	6662	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith *H*	36029	34	32	13	6	-	2	2	-	1	-	-	-	2	1	2	1
Fulham *WwH*	23350	34	23	10	2	-	-	1	-	1	-	-	-	6	-	3	-
Chelsea South *HHH*	26420	13	10	2	4	-	-	-	-	-	-	-	-	2	1	3	-
Chelsea North-west *WHHHH*	22926	20	15	5	3	-	-	-	-	-	-	-	-	2	-	-	3
Chelsea North-east	21392	11	11	5	1	-	2	-	-	2	-	-	-	2	1	1	-
Hanover Square *H*	18698	8	3	-	1	-	1	-	-	-	-	-	-	-	-	-	-
May Fair *WW*	13358	7	13	1	5	-	-	-	-	-	-	-	-	1	-	-	11
Belgrave *HH*	57972	30	25	5	5	-	-	1	-	-	-	-	1	1	2	3	7
St. John Westminster *HH*	38478	24	18	8	4	-	-	-	-	1	-	-	-	-	2	2	1
St. Margaret Westminster *WH*	27781	7	8	2	-	-	-	-	-	-	-	-	-	1	-	-	1
Golden Square *WH*	12860	5	5	3	-	-	-	-	-	-	-	-	-	-	-	-	2
Berwick-street *H*	20759	10	5	1	-	-	-	-	-	1	-	-	-	-	1	1	-
St. Anne Soho *HHHHH*	17562	12	8	1	-	-	1	-	-	-	-	-	-	1	-	-	2
North Districts.																	
All Souls Marylebone *HHHH*	28579	10	9	4	1	-	-	1	-	1	-	-	-	1	-	-	2
Cavendish Square *HH*	15425	6	3	1	1	-	-	-	-	-	-	-	-	-	-	1	-
Rectory Marylebone *WH*	26384	15	19	3	4	-	-	-	-	-	-	-	1	1	2	4	8
St. Mary Marylebone *HHH*	21786	22	9	3	-	-	-	-	-	1	-	-	-	-	-	-	-
Christchurch Marylebone *H*	33944	23	11	5	1	-	-	-	-	-	-	-	-	6	-	-	1
St. John Marylebone *H*	33136	17	14	9	1	-	-	-	-	2	-	-	-	1	-	1	-
Hampstead *WwHH*	32281	22	11	3	3	1	-	-	-	-	-	-	-	1	-	-	2
Regent's Park Pancras	38200	28	14	10	-	-	1	-	-	-	-	-	-	3	-	-	-
Tottenham-court *wHHH*	29370	15	21	8	5	-	-	-	-	-	-	-	-	5	-	-	9
Gray's Inn Lane *HHH*	29221	25	14	6	3	-	-	-	-	1	-	-	-	4	1	2	2
Somers Town	38533	19	16	7	2	-	-	1	-	2	-	-	-	4	1	1	-
Camden Town *WH*	17943	16	8	5	1	-	-	-	-	-	-	-	-	1	-	-	5
Kentish Town *w*	68198	53	41	16	8	-	-	-	-	5	-	-	-	5	2	3	3
Islington West *HHH*	97820	83	48	26	2	-	-	-	1	3	-	-	-	13	1	3	1
Islington East *WwwH*	115958	102	64	25	11	-	-	-	-	4	-	1	-	9	2	2	6
Stoke Newington *H*	9841	14	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Stamford Hill	6598	5	2	1	-	-	-	-	-	-	-	-	-	1	-	1	-
West Hackney	28069	18	7	5	2	-	-	-	-	-	-	-	-	4	-	-	-
Hackney *WwwHL*	50104	38	27	8	3	2	-	1	-	1	-	1	-	1	3	3	12
South Hackney	30339	28	10	4	3	-	-	-	-	1	-	-	-	1	-	-	-
Central Districts.																	
St. George Bloomsbury	17853	12	5	1	1	-	-	-	-	1	-	-	-	1	1	2	-
St. Giles South *WH*	19109	8	13	8	-	-	1	-	-	1	-	-	-	4	-	1	-
St. Giles North	16594	8	6	1	1	-	1	-	-	1	-	-	-	1	-	-	-
Long Acre	11379	5	6	3	1	-	-	-	-	-	-	-	-	2	-	-	-
Charing Cross *HH*	9859	2	4	-	1	-	-	-	-	-	-	-	-	-	1	1	3
St. Mary-le-Strand	9378	2	5	3	1	-	-	-	-	-	-	-	-	2	-	-	-
St. Clement Danes *H*	10723	6	11	-	-	-	-	-	-	1	-	-	-	-	2	2	11
St. George-the-Martyr *HHHHH*	20521	14	16	2	4	-	1	-	-	-	-	-	-	1	-	-	4
St. Andrew Eastern *W*	13529	7	12	4	1	-	-	1	-	1	-	-	-	2	1	1	4
Saffron Hill *H*	9066	9	3	2	1	-	-	-	-	-	-	-	-	1	-	1	-
St. James Clerkenwell *W*	18917	11	12	6	1	-	-	-	-	1	-	-	-	6	-	2	-
Amwell Clerkenwell	16884	15	7	2	2	-	-	1	-	1	-	-	-	1	-	1	-
Pentonville	13337	6	6	1	1	-	-	-	1	-	-	-	-	1	1	-	-
Goswell-street	16242	15	11	2	2	-	-	1	-	2	-	-	-	3	-	-	-
Old-street *H*	12161	3	3	3	-	-	-	-	-	1	-	-	-	-	-	-	-
City-road *HHL*	18301	11	11	6	1	-	-	1	-	-	-	-	-	4	1	1	-
Whitecross-street	13792	8	6	5	-	-	-	-	-	-	-	-	-	-	1	1	-
Finsbury	10741	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph East London *H*	14540	12	3	1	-	-	-	-	-	-	-	-	-	1	-	-	-
Cripplegate	13638	4	4	1	-	-	-	1	-	-	-	-	-	1	-	-	-
St. Sepulchre *H*	7562	1	13	1	2	-	-	-	-	-	-	-	-	1	4	4	12
St. Bride *W*	11185	3	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard	4426	2	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch	6270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe	4753	-	4	-	-	-	-	-	-	-	-	-	-	1	2	2	-
Allhallows Barking	5764	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street *H*	7845	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at the foot of next page.

EVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
turday, 13th July 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
Holywell Shoreditch	12430	4	4	2	-	-	-	-	-	-	-	-	-	2	-	-	-
St. Leonard Shoreditch *HL*†	16545	10	9	3	1	-	-	-	-	1	-	-	-	2	1	1	1
Hoxton New Town *w*	27835	35	12	6	2	-	-	-	-	-	-	-	-	4	-	1	1
Hoxton Old Town	26933	24	10	4	1	-	-	1	-	-	-	-	-	2	-	-	-
Haggerston *WH*	43421	35	21	8	3	1	-	1	-	-	-	-	-	5	-	1	5
Hackney-road *H*	29822	31	23	13	1	-	-	-	-	3	-	-	-	5	3	4	-
Green, Bethnal Green *WHL*†	42433	24	25	6	5	-	-	-	-	1	-	2	-	2	-	2	7
Church, Bethnal Green	26577	21	11	5	1	-	-	-	-	2	-	1	-	-	-	-	-
Town, Bethnal Green	21272	14	7	4	2	-	-	-	1	1	-	-	-	2	-	-	-
Spitalfields *H*	22499	12	12	7	-	-	-	-	-	1	-	-	-	4	-	-	-
Mile End New Town *W*	15550	14	16	3	1	-	-	-	-	2	-	-	-	2	-	-	7
Whitechapel North	11597	5	6	3	-	-	1	-	-	1	-	-	-	3	-	-	-
Whitechapel Church *H*	7322	4	17	-	6	-	-	-	-	-	-	1	-	-	8	8	15
Goodman's Fields	10381	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aldgate	9224	4	4	2	1	-	-	-	-	-	-	-	-	-	2	2	-
St. Mary St. George East	17900	13	4	3	-	-	-	-	-	-	-	-	-	1	1	1	-
St. Paul St. George East	21350	18	11	6	-	-	-	-	-	-	-	-	-	6	-	-	-
St. John St. George East *W*	8802	5	10	2	5	-	-	-	-	-	-	-	-	1	1	1	4
Shadwell *H*	11640	6	2	2	-	-	-	-	-	-	-	-	-	-	-	-	1
Ratcliff	16131	10	6	2	-	-	-	-	-	-	-	-	-	1	-	-	-
Limehouse	29919	22	8	2	1	-	-	-	-	-	-	-	1	-	-	-	-
Mile End Old Town Western	38128	27	13	5	3	-	-	-	-	-	-	-	-	2	1	2	-
Mile End Old Town Eastern *WwwH*	55024	43	33	18	4	-	-	-	-	2	-	-	-	5	1	2	4
Bow *wwwH*	67765	83	41	14	11	-	1	1	-	3	-	1	-	4	1	-	9
Poplar *WW*	48611	39	19	8	3	-	-	1	-	1	-	-	-	2	2	4	1
SOUTH DISTRICTS.																	
Christchurch Southwark *WH*	14573	10	6	5	-	-	-	-	-	-	-	-	-	2	-	-	-
St. Saviour Southwark *H*	15677	14	9	3	1	-	-	-	-	-	-	-	-	2	1	1	-
Kent-road	20421	10	12	5	1	-	1	-	-	1	-	-	-	1	-	-	-
Borough-road *WH*	16695	12	8	3	1	-	-	-	-	-	-	-	-	2	-	2	-
London-road *HL*	18961	12	14	6	1	-	-	-	-	1	-	-	-	6	-	2	1
Trinity Newington	23682	22	14	5	1	-	-	-	-	-	-	-	-	6	-	-	-
St. Peter Walworth *W*	48248	50	51	19	8	1	-	1	-	3	-	-	-	5	-	-	14
St. Mary Newington	16792	14	10	6	-	-	1	-	1	-	-	-	-	2	1	1	-
St. Olave Southwark *H*	4373	2	8	-	-	-	-	-	-	-	-	-	-	-	4	4	7
St. John Horsleydown *W*	10500	3	4	3	1	-	-	-	-	-	-	-	-	-	-	-	-
Leather Market	16787	10	3	2	-	-	-	-	-	-	-	-	-	2	-	-	-
St. Mary Magdalen *W*	15709	15	6	2	2	-	-	-	-	-	-	-	-	-	-	-	3
St. James Bermondsey	47933	48	17	3	3	-	-	1	-	1	-	-	-	3	-	-	-
Rotherhithe *W*	27096	24	8	3	1	-	-	-	-	-	-	-	-	2	-	-	-
Waterloo-road 1st *H*	14074	17	14	9	1	-	-	-	-	1	-	-	-	5	-	-	2
Waterloo-road 2nd *H*	18465	8	5	4	-	-	-	1	-	-	-	-	-	1	-	1	-
Lambeth Church 1st *H*	19492	13	17	4	1	-	-	-	1	-	-	1	-	1	2	2	11
Lambeth Church 2nd *WW*	35833	27	29	8	7	-	-	-	-	-	-	-	-	4	-	-	11
Kennington 1st	41286	33	14	8	3	-	-	-	-	-	-	-	-	4	-	-	-
Kennington 2nd	31221	17	12	6	2	-	-	-	-	3	-	-	-	1	-	1	-
Brixton *w*	35435	34	24	8	7	3	-	-	-	-	2	1	-	2	-	-	5
Norwood *W*	12536	7	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Clapham *H*	27347	26	11	3	2	-	-	-	-	-	-	-	-	-	2	2	-
Battersea *Ww*	54016	65	44	20	6	-	1	-	1	6	-	2	-	3	-	1	4
Wandsworth *HL*	19783	10	6	3	1	-	-	-	-	-	-	-	-	2	-	-	-
Putney	9439	7	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Streatham	14475	12	6	3	2	-	-	1	-	-	-	-	-	1	-	1	-
Dulwich	4041	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Camberwell *WL*†*L*†	31254	32	16	6	5	-	-	-	1	1	-	-	-	2	-	-	8
Peckham *W*	42160	41	20	9	1	1	-	-	-	3	-	-	-	4	-	1	-
St. George Camberwell	33851	41	17	10	1	-	-	-	-	1	-	-	-	1	-	-	-
St. Paul Deptford *w*	53714	49	19	5	3	2	-	-	-	1	-	-	1	-	3	5	2
St. Nicholas Deptford	6474	4	4	1	-	-	-	-	-	1	-	-	-	1	-	-	-
Greenwich West	21034	16	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Greenwich East *WH*	19378	12	10	5	2	-	-	-	-	1	-	-	-	-	-	-	2
Eltham *H*	4539	5	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Lee	16440	11	7	1	1	-	-	-	-	1	-	-	-	-	-	-	-
Lewisham Village *WH*	11513	9	4	1	1	-	-	-	-	-	-	-	-	-	-	-	1
Sydenham *H*	19065	15	8	2	4	-	-	-	-	-	-	-	-	1	-	1	-
Charlton *H*	9564	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Woolwich Dockyard	17226	15	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Woolwich Arsenal *WHH*	18331	8	7	1	1	-	-	-	-	-	-	1	-	-	-	-	-
Plumstead, West	13027	8	5	1	-	-	-	-	1	-	-	-	-	-	-	1	-
Plumstead, East *W*	15232	3	5	2	-	-	-	-	-	-	-	-	-	-	1	1	1

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the ove Table by *w*:—

Central London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary " " "
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.
London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 13th July 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
	LONDON—OUTER RING	368,414	631,381	533	282	84	56	4	4	5	4	14	3	17	11	17	38
29 : 1	Carshalton *wL* - - -	12228	13523	11	5	1	1	-	-	-	-	-	-	-	1	1	3
2	Epsom (*part of*) * *WH* -	9971	9145	3	1	-	-	-	-	-	-	-	-	-	-	-	-
36 : 1	Godstone (*part of*) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	60	22	1	3	-	-	-	-	-	-	1	-	1	4
2	Mitcham *WH* - - -	11697	12534	9	11	4	2	-	-	-	-	1	-	1	-	-	-
38 : 1	Wimbledon *HH* - -	3220	9087	7	6	2	2	-	1	-	-	-	-	1	-	-	-
2	Kingston *WH* - - -	8549	27489	24	13	2	6	-	-	-	1	-	-	1	-	-	6
3	Esher (*part of*) * - -	6601	7353	2	2	-	-	-	-	-	-	-	-	-	-	-	-
4	Hampton - - - -	4573	10185	6	4	-	1	-	-	-	-	-	-	-	-	-	-
39 : 1	Richmond *WH* - - -	2271	16829	8	7	3	-	-	-	-	-	2	1	-	-	-	-
2	Mortlake - - - -	2961	9316	4	2	1	1	-	-	-	-	1	-	-	-	-	-
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	19	3	-	1	-	-	-	-	-	-	-	-	-	-
2	Chislehurst (*part of*)* *W* -	13665	10028	10	3	1	-	-	-	-	-	-	-	-	1	1	-
41 : 1	Bexley *H* - - - -	13439	19566	11	3	-	-	-	-	-	-	-	-	-	-	-	-
123 : 1	Sunbury *W* - - -	11055	9360	6	1	1	-	-	-	-	-	1	-	-	-	-	-
2	Staines *W* - - - -	13277	10339	11	5	1	1	-	-	-	-	-	-	-	-	-	1
124 : 1	Hillingdon *WH* - - -	6029	9712	8	3	1	-	-	-	-	-	-	-	-	1	1	1
2	Uxbridge - - - -	6178	5329	3	1	-	-	-	-	-	-	-	-	-	-	-	-
3	Hayes *WL* - - - -	14587	10497	7	2	1	-	-	-	-	-	-	-	1	-	-	-
125 : 1	Isleworth *W* - - -	7008	19930	9	10	3	5	-	-	-	-	-	-	-	-	1	4
2	Twickenham - - -	2477	10533	11	1	-	-	-	-	-	-	-	-	-	1	1	-
3	Brentford *HL* - - -	4370	20279	17	9	3	2	-	-	1	-	-	-	2	1	1	-
4	Chiswick - - - -	1311	8508	10	1	1	-	-	-	-	-	-	-	-	-	-	-
5	Acton *WH* - - - -	6087	12683	15	4	1	1	-	-	-	-	-	-	-	-	-	-
126 : 1	Harrow *H* - - - -	13809	10869	9	4	2	1	-	-	1	-	-	-	-	-	1	-
2	Edgware *H* - - -	6994	3450	4	2	-	1	-	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	12	10	7	1	-	-	-	-	-	-	1	-	-	-
4	Hendon *WH* - - -	8382	6972	6	9	2	2	-	-	-	-	1	-	-	1	2	4
127 : 1	South Mimms - - -	15419	5924	1	3	1	-	-	-	-	-	-	-	-	1	1	-
2	Barnet *W* - - - -	5423	7752	-	2	-	-	-	-	-	-	-	1	-	-	1	-
3	Finchley *L* - - - -	4688	11493	4	14	1	3	-	-	-	-	-	-	-	-	-	8
128 : 1	Hornsey *H* - - - -	3039	19357	18	11	2	2	-	-	1	1	1	-	2	-	-	-
2	Tottenham *H* - - -	4642	22869	20	15	3	5	-	-	1	-	1	-	-	3	4	1
3	Edmonton *WW* - - -	7483	13860	13	12	3	3	-	-	-	-	-	-	-	-	-	4
4	Enfield *WH* - - -	12653	16054	18	6	1	1	-	-	1	1	-	-	1	-	-	-
5	Waltham Abbey - - -	11017	5197	2	2	1	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	8	2	1	1	-	-	-	-	-	-	-	-	-	-
134 : 1	Hatfield (*part of*) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	1	-	-	-	-	-	-	-	-	-	-	-	-	-
185 : 1	Stratford - - - -	882	23286	30	19	12	3	1	-	-	-	2	1	5	-	-	-
2	West Ham *WWWW* - -	7345	44642	67	34	16	1	2	3	-	1	3	-	1	1	1	2
3	Leyton *WW* - - -	4274	15513	11	6	3	1	1	-	-	-	1	-	-	-	-	-
4	Walthamstow *H* - -	6619	15701	20	8	1	3	-	-	-	-	-	-	-	-	-	-
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	3	-	-	-	-	-	-	-	-	-	-	-	-	-
188 : 1	Romford (*part of*) * - -	6730	2879	1	2	-	2	-	-	-	-	-	-	-	-	-	-
2	Ilford - - - - -	8492	5947	8	1	-	-	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	6	1	1	-	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:—29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903); 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Theydon-Bois (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 13th July, 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	Annual Rate of Mortality per 1000 living.		Deaths from all Causes.	The Deaths registered in the Week include										
						Deaths of		Deaths from								Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	
GREATER LONDON	446,494	4,450,015	21·9	5·4	1871	682	303	15	20	25	12	99	22	266	82	288
INNER LONDON -	78,080	3,577,304	23·2	5·9	1589	598	247	11	16	20	8	85	19	249	71	250
OUTER RING -	368,414	872,711	16·9	3·0	282	84	56	4	4	5	4	14	3	17	11	38

NOTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal 697·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than miles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,751,796 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	June	1	-	278	33·7	Small-pox 65; cholera 14.
BOMBAY - -	644,405	"	4	-	469	37·8	Small-pox 7; cholera 10.
		"	11	-	483	39·0	Small-pox 14; cholera 23.
MADRAS - -	397,552	May	17	264	274	35·8	Small-pox 6; fevers 81.
PARIS - -	1,988,806	July	11	-	918	24·0	Typhoid fever 14; diphtheria 19.
GENEVA - -	68,792	"	6	36	44	33·4	Small-pox 1.
BRUSSELS - -	175,782	June	29	112	85	25·2	Small-pox 1.
AMSTERDAM -	302,266	"	29	181	170	32·2	Measles 5; typhus and typhoid fever 2.
ROTTERDAM -	142,585	"	29	102	85	30·9	Typhus and typhoid fever 2.
THE HAGUE -	107,896	"	29	65	46	22·1	—
COPENHAGEN -	220,000	July	2	124	95	22·5	Typhoid fever 1; croup 3.
STOCKHOLM -	146,845	June	29	-	80	27·2	—
CHRISTIANIA -	105,000	July	6	62	31	15·1	Whooping-cough 2.
ST. PETERSBURGH	669,741*	June	29	-	595	46·2	Small-pox 20; typhus & typhoid fever 70.
BERLIN - -	1,019,620	"	22	799	788	39·8	Diph. 20; scarlet fev. 24; diarrhœal diseases 285.
HAMBURG (State)	406,604	"	29	254	241	31·0	Diphtheria and croup 6; whooping-cough 4.
DRESDEN - -	207,845	"	29	163	120	30·0	Diphtheria and croup 5.
BRESLAU - -	267,000	July	6	201	190	37·0	—
MUNICH - -	222,000	"	6	165	140	33·0	Diphtheria and croup 5.
VIENNA - -	727,271	"	6	486	377	27·0	Small-pox 10; diphtheria 13.
BUDA-PESTH -	319,530	June	29	243	218	35·5	Small-pox 2; diphtheria 5.
ROME - -	282,214	May	25	128	172	31·8	Diphtheria and croup 7.
NAPLES - -	457,407	July	10	-	328	37·4	Typhus and typhoid fever 8; croup 7.
		"	17	-	314	35·8	Typhus and typhoid fever 6; croup 2.
TURIN - -	227,843	June	29	120	119	27·2	Small-pox 6; typhus and typhoid fever 7.
VENICE - -	139,796	July	6	64	68	25·4	Typhoid fever 3.
ALEXANDRIA -	212,034	June	27	139	195	48·0	Whooping-cough 10.
NEW YORK -	1,084,528	"	15	-	462	22·2	Scarlet fever 17; diphtheria 19.
BROOKLYN -	549,438	"	8	-	183	17·3	Scarlet fever 5; diphtheria 12.
PHILADELPHIA -	876,118	"	22	-	309	18·4	Typhoid fever 7; scarlet fever 10.
BALTIMORE -	355,000	"	15	-	143	21·0	Scarlet fever 3; diphtheria 5.

* The rate of mortality in St. Petersburgh is calculated on the population enumerated at the last Census in 1869, and is thus probably overstated, as the population of the city is said to have increased in a remarkable manner since that date.

Table 10.—METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 13th July, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.	Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Difference. Greatest.	Difference. Least.	Difference. Between mean temperature of the same day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure on square foot. Greatest.	Osler's. Pressure. Least.	Osler's. Pressure. Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
July.		in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
Sun. . 7	First Quarter	29·821	76·1	53·5	22·6	64·2	53·2	137·8	49·1	67·3	65·3	11·0	19·9	1·6	+ 2·4	68	WSW.	WNW. NNW. & W.	1·3	0·0	0·1	253	+ 26	0·00	0·0
Mon. . 8	..	29·939	74·1	55·0	19·1	62·9	53·5	133·5	47·6	67·3	64·3	9·4	19·0	3·8	+ 0·9	71	NNW. & N.	NNE. SE. & S.	1·0	0·0	0·0	191	− 29	0·00	0·8
Tues. . 9	..	29·852	74·6	52·0	22·6	63·1	54·8	132·0	47·4	67·5	65·3	8·3	16·9	1·9	+ 1·0	74	SW. & WSW.	SW. & WSW.	2·0	0·0	0·2	280	+ 61	0·02	4·2
Wed. . 10	..	29·756	69·4	54·5	14·9	60·6	50·3	114·1	48·8	67·5	65·3	10·3	17·1	1·2	− 1·6	69	WSW. W. & WNW.	NW. & W.	2·1	0·0	0·3	310	+ 92	0·00	0·0
Thurs. 11	..	29·709	68·8	54·9	13·9	59·8	51·4	104·3	51·2	67·8	65·7	8·4	15·3	4·6	− 2·5	74	W. & WSW.	WNW. & W.	2·8	0·0	0·4	356	+138	0·00	0·0
Fri. . 12	Greatest Dec. S.	29·738	67·0	55·0	12·0	60·0	51·1	98·5	50·7	67·3	64·8	8·9	14·8	4·0	− 2·4	72	W. NW. & WSW.	NW. & WSW.	0·3	0·0	0·0	205	− 12	0·00	0·0
Sat. . 13	..	29·809	72·9	53·1	19·8	62·5	49·4	138·3	52·2	66·3	63·5	13·1	20·0	2·2	0·0	62	NE.	NNE. NE. & SE.	0·8	0·0	0·0	187	− 31	0·00	3·5
Means .	..	29·803	71·8	54·0	17·8	61·9	52·0	122·6	49·6	67·3	64·9	9·9	17·6	2·8	− 0·3	70	Variable.		..	..	..	Sum 1782	Sum +245	Sum 0·02	1·2
No. of Col.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

Date. July.	Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	Sky and Atmosphere.
Sunday . 7	The electrical apparatus was not in constant action throughout the week.	6·6	16·3	Fine; partially cloudy.
Monday . 8		7·7	16·3	A fine day; partially cloudy till evening; cloudless at night.
Tuesday . 9		6·0	16·3	Fine; partially cloudy. Showery in evening.
Wednesday 10		1·4	16·3	Generally cloudy.
Thursday . 11		0·8	16·2	Overcast till afternoon; generally cloudy afterwards.
Friday . 12		0·1	16·2	Overcast generally.
Saturday . 13		10·7	16·2	A fine day; partially cloudy.
..	..	Sum 33·3	Sum 113·8	
No. of Col.	28	29	30	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and − "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Sir E. Y. W. Henderson, R.E., K.C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 29·83 in. at the beginning of the week to 29·84 in. by 9h. A.M. on the 7th; decreased to 29·30 in. by 8h. P.M. on the same day; increased to 29·98 in. by 9h. P.M. on the 8th; decreased to 29·70 in. by 3h. P.M. on the 11th; and increased to 29·86 in. by the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
22nd July, 1878.

United Kingdom.

During last week 5811 *births* and 4045 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality from all causes was at the average rate of 25 deaths annually in every 1000 persons living. The annual death-rate was 20 per 1000 in Edinburgh, 29 in Glasgow, and 23 in Dublin; small-pox caused 13 deaths in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Bradford 15, Brighton 18, Bristol 19, Newcastle-on-Tyne 21, Nottingham 21, Norwich 22, Portsmouth 22, Leeds 22, Wolverhampton 22, Birmingham 23, Plymouth 23, Oldham 23, Salford 24, London 26, Hull 26, Sheffield 27, Leicester 27, Liverpool 28, Manchester 30, and the highest rate 35 in Sunderland. The annual death-rate from the seven principal zymotic diseases averaged 7·0 per 1000 in the twenty towns, and ranged from 2·0 and 2·8 in Bristol and Plymouth to 8·4 in Sunderland, 8·6 in Liverpool, and 11·6 in Leicester. Measles and whooping-cough showed fatal prevalence in Sunderland, and the high zymotic rate in Leicester was due to infantile diarrhœa. In London and its suburban districts, 20 deaths were referred to small-pox; one death from this cause was also recorded in Birmingham and one in Liverpool.

The fatal cases of diarrhœa in the twenty towns, which had risen from 56 to 433 in the four preceding weeks, further rose last week to 602. The annual death-rate from this disease was equal to 4·9 in London, and averaged 3·7 in the nineteen other towns, among which it ranged from 0·3 and 1·4 in Bristol and Bradford, to 6·9 and 11·2 in Hull and Leicester.

London.

In London 2364 births and 1787 deaths were registered. Allowing for increase of population, the births exceeded by 6, and the deaths by 123, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 22·0 and 23·2 per 1000, further rose last week, under the influence of the high temperature, to 26·1.

The 1787 deaths included 19 from small-pox, 13 from measles, 21 from scarlet fever, 8 from diphtheria, 106 from whooping-cough, 19 from different forms of fever, and 339 from diarrhœa; thus to the seven principal diseases of the zymotic class 525 deaths were referred, against numbers increasing steadily from 215 to 408 in the four preceding weeks. Whooping-cough continues to be severely epidemic, and caused 106 of the deaths registered last week, against 108 and 85 in the two preceding weeks, exceeding the corrected weekly average by 60; 11 fatal cases occurred in Pancras, 7 in Marylebone, and 6 in Camberwell. The deaths from measles and scarlet fever were considerably below the average; scarlet fever, however, caused 4 deaths in Camberwell, 3 in Pancras, and 3 in Islington. Of the 8 fatal cases of diphtheria, 2 occurred in Islington and one in Hampstead. The 19 deaths referred to fever corresponded with the number in the previous week, and were 12 below the corrected average; 3 fatal cases were certified as typhus, 15 as enteric or typhoid, and one as simple continued fever; the 3 fatal cases of typhus occurred at:—the Cancer Hospital at Chelsea (admitted from St. John's Wood); the Homerton Fever Hospital (admitted from 5, Fuller Street, Bethnal Green); and 14, York Street East, Ratcliff.

The high mortality of the week is due to diarrhœa, which becomes fatal in London when the temperature of the Thames rises much above 60°. Thus, the Thames temperature, which had been 60°, rose in the last week of June to 65°; in

the three following weeks it was 68°, 66°, and 67°. The weekly deaths from diarrhœa and simple cholera, which had been 23, rose to 78, 156, 256, and 349 in the corresponding weeks. The deaths from diarrhœa are differently distributed in the fields of the water companies; thus, the deaths in the last four weeks were 786 in the districts supplied with Thames and Lea waters, whereas the deaths in the districts supplied with water drawn from the chalk by the Kent Company were 19. Out of the same population, the deaths in the former were to the deaths in the latter as 3 to 1.

Ten deaths were last week referred to simple cholera and choleraic diarrhœa; 3 being adult cases. The death of a male, aged 22 years, at 32, Ponsonby Terrace, Millbank, was referred to "cholera, 24 hours."

The deaths from small-pox, which had been 38, 19, and 11 in the three previous weeks, rose again to 19 last week, of which 7 occurred in the Metropolitan Asylum Hospitals, one in the Highgate Small-pox Hospital, and 11 in private dwelling-houses. Five of the deceased small-pox patients (including 3 in private houses), had resided in Camberwell, and 3 in Greenwich and Deptford; 2 fatal cases occurred in private houses in Islington and 2 in Deptford. Of the 19 fatal cases, 8 were certified as unvaccinated, and 2 as vaccinated; in the 9 other cases the medical practitioners omitted to give any information relating to vaccination in their certificates. The Metropolitan Asylum Hospitals contained 304 small-pox patients on Saturday last, against 310 at the end of the previous week; 67 new cases were, however, admitted to these hospitals during the week, against 55 and 39 in the two previous weeks.

Different forms of violence caused 46 deaths; 40 were the result of negligence or accident, including 10 from fractures and contusions, 3 from burns and scalds, 13 from drowning, and 7 of infants under one year of age from suffocation. The 10 deaths from fractures and contusions were thus caused:—male aged 22, run over by water-cart; female 2, run over by van; male 59, kicked by bullock; male 27 (intoxicated), and female 52, fell from window; male 35, fell down ship's hold; female 36 (intoxicated), by fall; male 32, by blow; female 4, by blow or fall; and male 65, by fracture of thigh (not stated how). An inquest was held in each of these cases except the last, which was certified by a registered medical practitioner.

In the large Public Institutions 276 deaths were recorded, or 15 per cent. of the total deaths; of these 179 occurred in Workhouse Establishments, 95 in Hospitals, and 2 in Lunatic Asylums.

Greater London.

In the Greater London 2853 births and 2064 deaths were registered, equal to annual rates of 33·5 and 24·2 per 1000 of the population. In the Outer Ring a fatal case of small-pox was registered in Tottenham sub-district. The annual death-rate from diarrhœa, which was equal to 4·9 per 1000 in Inner London, did not exceed 1·9 in the Outer Ring.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 33, Bombay 36, Madras 40; Paris 23; Geneva 21; Brussels 30; Amsterdam 24, Rotterdam 29, The Hague 25; Copenhagen 24; Stockholm 22; Christiania 19; St. Petersburgh 48; Berlin 52, Hamburg 29, Dresden 30, Breslau 32, Munich 35; Vienna 30, Buda-Pesth 39; Rome 28, Naples 39, Turin 26, Venice 21; Alexandria 55; New York 23, Brooklyn 18, Philadelphia 19, and Baltimore 20.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30·05 in.; the lowest reading was 29·86 in. at the beginning of the week, and the highest 30·17 in. on Thursday morning. The mean temperature of the *air* was 66°·8, and was 4°·2 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was below the average on Sunday and Monday, but showed an excess on each of the other days of the week; the mean on Sunday was only 59°·9, and was 2°·9 below the average, whereas it was 72°·3 both on Thursday and Friday, and was in excess by 9°·8. The lowest night temperature was 49°·2 on Sunday, and the highest day temperature in the shade 84°·6 on Friday; the extreme range in the week was, therefore, 35°·4. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 148°·7 on Saturday. The difference between the mean *dew-point* and *air* temperature averaged 10°·0. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police ship, was 66°·5. The mean degree of *humidity* of the air was 70, complete saturation being represented by 100. The general direction of the *wind* was Northerly, and the horizontal movement of the air averaged 6·5 miles per hour, which was 3·1 below the average in the corresponding week of 16 years. No rain was measured during the week. The duration of registered sunshine in the week was 56·4 hours, the sun being above the horizon during 112·2 hours; the recorded duration of sunshine was, therefore, equal to 50 per cent. of its possible duration.

'ABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, 20th July, 1878.

CITIES AND BOROUGHS. (*unicipal Boundaries, cept for* LONDON *and* DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 20th July, 1878.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
23 TOWNS in the UITED KINGDOM	220,307	8,373,953	38·0	5811	4045	90·0	46·8	65·1	18·39	0·00	0·00
DON - - -	75,362	3,577,304	47·5	2364	1787	84·6	49·2	66·8	19·34	0·00	0·00
GHTON - -	2,354	103,923	44·1	58	36	80·2	52·0	64·6	18·12	0·00	0·00
TSMOUTH - -	4,486	129,461	28·9	67	54	–	–	–	–	–	–
WICH - - -	7,472	84,620	11·3	51	35	83·5	52·0	65·1	18·39	0·00	0·00
MOUTH - -	1,395	73,599	52·8	42	32	81·0	54·5	64·4	18·00	0·00	0·00
STOL - - -	4,452	206,419	46·4	162	75	84·3	46·8	65·0	18·33	0·00	0·00
LVERHAMPTON -	3,396	74,240	21·9	60	32	82·0	50·5	61·8	16·56	0·00	0·00
MINGHAM - -	8,400	383,117	45·6	317	166	–	–	–	–	–	–
CESTER - -	3,200	121,473	38·0	89	63	86·5	51·8	64·8	18·23	0·00	0·00
TTINGHAM - -	9,960	165,267	16·6	113	68	86·2	48·9	63·7	17·61	0·00	0·00
ERPOOL - -	5,210	532,681	102·2	346	290	–	–	–	–	–	–
NCHESTER - -	4,293	360,514	84·0	262	206	–	–	–	–	–	–
FORD - - -	5,170	170,251	32·9	161	79	89·1	52·1	63·8	17·67	0·02	0·05
HAM - - -	4,666	107,366	23·0	74	47	–	–	–	–	–	–
DFORD - -	7,220	185,038	25·6	112	52	89·6	54·2	66·5	19·17	0·00	0·00
DS - - -	21,572	304,948	14·1	270	131	86·0	56·0	67·3	19·61	0·00	0·00
FFIELD - -	19,651	289,537	14·7	201	150	85·0	54·0	66·4	19·11	0·00	0·00
LL - - -	3,635	143,139	39·4	108	72	86·0	48·0	65·0	18·33	0·00	0·00
DERLAND - -	2,768	112,459	40·6	94	75	90·0	55·0	67·9	19·94	0·00	0·00
VCASTLE-ON-TYNE	5,371	144,570	26·9	112	58	–	–	–	–	–	–
NBURGH - -	4,191	222,371	53·1	160	85	83·7	51·0	65·2	18·44	0·00	0·00
SGOW - - -	6,033	566,940	94·0	405	311	77·0	50·0	62·3	16·84	0·00	0·00
BLIN - - -	10,050	314,666	31·3	183	141	79·1	52·8	66·1	18·95	0·01	0·03

For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.
The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the tion of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, ord, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the f local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the ber enumerated in April 1871.

BLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday, 20th July, 1878.

OROUGHS, &c. (*unicipal Boundaries, cept for* LONDON *and* DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
				Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.		
n 20 TOWNS -	25·2	7·0	3508	1297	526	21	47	92	14	158	46	602	93	156	452
DON - - -	26·1	7·7	1787	700	290	19	13	21	8	106	19	339	46	76	276
GHTON - -	18·1	4·5	36	13	6	–	–	–	–	–	–	9	–	1	3
TSMOUTH - -	21·8	3·2	54	14	14	–	1	–	–	1	2	4	1	4	7
WICH - - -	21·6	3·1	35	15	6	–	–	–	–	2	–	3	–	–	–
MOUTH - -	22·7	2·8	32	6	5	–	–	–	–	–	–	4	–	–	2
STOL - - -	19·0	2·0	75	17	15	–	–	–	–	6	1	1	4	5	15
LVERHAMPTON -	22·5	6·3	32	13	7	–	–	–	–	5	–	4	–	–	2
MINGHAM - -	22·6	7·4	166	50	26	1	4	19	2	4	3	21	6	9	23
CESTER - -	27·1	11·6	63	36	8	–	1	–	–	–	–	26	–	1	5
TTINGHAM - -	21·5	3·8	68	27	10	–	1	2	–	–	–	9	1	3	5
ERPOOL - -	28·4	8·6	290	100	31	1	6	12	1	11	7	50	12	14	30
NCHESTER - -	29·8	6·7	206	48	28	–	2	9	–	3	4	28	6	14	38
FORD - - -	24·2	6·4	79	34	4	–	3	2	–	3	1	12	1	6	3
HAM - - -	22·8	6·3	47	11	5	–	3	4	1	–	–	5	2	2	2
DFORD - -	14·7	3·7	52	17	5	–	2	1	1	4	–	5	1	1	2
DS - - -	22·4	6·3	131	57	19	–	2	3	–	5	3	24	3	4	7
FFIELD - -	27·0	8·1	150	54	18	–	–	13	–	3	4	25	–	2	15
LL - - -	26·2	8·0	72	35	6	–	–	1	1	–	1	19	3	6	5
DERLAND - -	34·8	8·4	75	22	15	–	7	1	–	5	–	5	1	2	7
VCASTLE-ON-TYNE	20·9	5·8	58	28	8	–	2	4	–	–	1	9	6	6	5
BLIN - - -	23·4	4·3	141	35	20	13	–	2	3	2	4	2	3	3	39

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the TWENTY-NINTH Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2014	2119	2137	2110	2151	2242	2183	2330	2333	2415	2203·4	2364
Males . .	1017	1076	1070	1075	1068	1190	1121	1161	1219	1226	1122·3	1210
Females .	997	1043	1067	1035	1083	1052	1062	1169	1114	1189	1081·1	1154
TOTAL **Deaths**	1642	1600	1754	1281	1467	1381	1640	1471	1878	1438	1555·2	1787
Males . .	876	824	900	697	796	726	892	737	1010	737	819·5	913
Females .	766	776	854	584	671	655	748	734	868	701	735·7	874

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Apr. 27.	May 4.	May 11.	May 18.	May 25.	June 1.	June 8.	June 15.	June 22.	June 29.	July 6.	July 13.	July 20.
TOTAL **Deaths** - - -	1661	1545	1383	1380	1381	1419	1481	1300	1391	1570	1511	1589	1787
0—20 - -	876	775	709	670	707	761	773	684	687	782	807	957	1083
20—40 - -	218	235	213	194	192	218	178	181	203	218	183	160	187
40—60 - -	286	240	215	258	225	212	254	190	260	260	222	225	227
60—80 - -	232	252	206	215	208	183	240	210	210	252	199	213	243
at 80 years & upwds.	49	43	40	43	49	45	36	35	31	58	40	34	47
Deaths of children: Under 1 year -	394	371	306	303	317	346	353	341	328	392	469	598	700
Deaths of children: 1—5 - -	357	286	296	261	274	295	296	250	266	284	292	279	296
Deaths of children: 5—20 - -	125	118	107	106	116	120	124	93	93	106	106	80	87
Deaths from 7 principal Zymotic Diseases	305	295	245	259	246	276	285	220	215	280	350	408	525
" " Small-pox -	63	60	48	48	43	40	42	24	19	38	19	11	19
" " Measles - -	38	29	33	28	14	15	18	20	17	24	31	16	13
" " Scarlet fever -	22	27	24	26	17	17	27	24	17	23	19	20	21
" " Diphtheria -	11	10	9	12	20	17	16	8	12	7	11	8	8
" " Whooping-cough	136	117	110	102	116	152	135	101	108	97	108	85	106
" " Typhus fever -	3	5	1	3	2	4	2	2	3	5	3	2	3
" " Enteric (or Typhoid) fever -	15	19	8	16	15	11	15	14	11	10	9	13	15
" " Simple Contd fever	6	5	5	3	3	–	5	6	5	4	5	4	1
" " Diarrhœa - -	11	23	7	21	16	20	25	21	23	72	145	249	339
" " Simple Cholera -	–	1	–	–	–	–	–	–	–	6	11	7	10
" " Dis. of Respiratory Organs -	345	284	225	199	204	206	270	200	204	236	188	180	202
" " Phthisis - -	174	189	139	171	151	208	162	169	192	187	170	149	163
" " Heart Diseases -	71	70	74	79	77	69	91	71	95	105	76	79	61
Violent Deaths - - -	64	60	66	75	59	55	59	49	48	46	60	71	46
Inquest Cases - - -	100	101	96	109	85	92	94	76	86	76	94	116	76
Deaths in Public Institutions	334	307	264	274	298	280	283	236	257	308	274	250	276
TEMPERATURE OF THE AIR:													
Mean - - - -	51°·2	55°·5	56°·7	58°·0	51°·8	52°·7	57°·1	55°·7	59°·0	70°·7	60°·1	61°·9	66°·8
Mean of Highest readings -	61·6	66·5	66·6	67·6	62·2	62·4	68·0	64·6	71·3	82·8	70·3	71·8	78·9
Mean of Lowest readings -	44·0	47·0	48·3	50·7	44·2	45·5	48·1	49·1	48·0	57·9	51·7	54·0	54·6
Mean Temperature of the Water of the Thames -	53·5	55·7	58·7	60·9	59·7	58·3	58·5	60·6	60·3	65·1	67·9	66·1	66·5
Humidity of the Air - -	80	77	79	75	77	81	79	77	76	63	78	70	70
Rain-fall in inches - -	0·20	0·66	2·10	0·63	0·81	0·39	0·80	1·28	0·99	0·61	0·94	0·02	0·00
Registered Sunshine (in hours)	40·6	35·8	33·5	48·3	36·4	29·3	25·3	39·8	42·4	73·9	21·6	33·3	56·4

METEOROLOGICAL OBSERVATIONS. (*See* TABLE **1.**)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-NINTH Week of the Year 1878.

CAUSES OF DEATH.	Average in the Twenty-ninth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, July 20, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature	64·6°	66·8°							
ALL CAUSES	1555·2	1787	700	296	87	187	227	243	47
SPECIFIED CAUSES	1551·0	1782	696	296	87	187	227	242	47
I. ZYMOTIC.									
ORDER 1.									
Small-pox	24·1	19	2	2	9	6	–	–	–
Measles	28·7	13	2	11	–	–	–	–	–
Scarlet Fever	50·9	21	–	18	3	–	–	–	–
Diphtheria	5·8	8	–	4	4	–	–	–	–
Quinsy	·7	–	–	–	–	–	–	–	–
Croup	8·4	9	–	9	–	–	–	–	–
Whooping-cough	43·0	106	44	60	2	–	–	–	–
Typhus	29·1 (Enteric or Typhoid Fev.; Simple continued Fev.)	3	–	–	1	–	–	2	–
Enteric or Typhoid Fev.		15	–	4	5	4	1	1	–
Simple continued Fev.		1	–	–	–	–	1	–	–
Erysipelas	6·5	5	2	–	–	–	2	1	–
Puerperal Fev. (Metria)	3·6	–	–	–	–	–	–	–	–
Carbuncle	·9	3	–	–	–	–	1	2	–
Influenza	·1	–	–	–	–	–	–	–	–
Dysentery	2·9	5	3	–	–	1	–	1	–
Diarrhœa	270·8	339	261	55	3	1	4	10	5
Simple Cholera	20·2	10	4	2	1	2	1	–	–
Ague	·4	–	–	–	–	–	–	–	–
Remittent Fever	·4	–	–	–	–	–	–	–	–
Rheumatism	9·4	6	–	–	1	1	1	3	–
Other *Zymotic* Diseases	·7	1	1	–	–	–	–	–	–
ORDER 2.									
Syphilis	9·9	20	17	1	–	1	1	–	–
Stricture of Urethra	1·4	2	–	–	–	1	1	–	–
Hydrophobia	·2	–	–	–	–	–	–	–	–
Glanders	–	–	–	–	–	–	–	–	–
ORDER 3.									
Privation	·1	1	–	–	–	–	–	1	–
Want of Breast-milk	16·0	20	20	–	–	–	–	–	–
Purpura and Scurvy	2·1	2	1	1	–	–	–	–	–
Alcoholism: *a* Del. Tremens	2·1	3	–	–	–	2	1	–	–
Alcoholism: *b* Intemperance	1·6	1	–	–	–	–	1	–	–
ORDER 4.									
Thrush	6·6	3	3	–	–	–	–	–	–
Worms, &c.	–	–	–	–	–	–	–	–	–
CONSTITUTIONAL.									
ORDER 1.									
Gout	2·4	5	–	–	–	–	1	4	–
Dropsy	10·3	7	2	–	–	–	3	2	–
Cancer	34·8	53	–	1	1	5	26	16	4
Cancrum Oris (Noma)	·1	1	–	1	–	–	–	–	–
Mortification	2·5	5	–	–	–	–	1	3	1
ORDER 2.									
Scrofula	12·8	25	8	7	7	2	–	1	–
Tabes Mesenterica	34·9	83	41	12	5	–	–	–	–
Phthisis	154·0	163	2	6	15	81	46	13	–
Hydrocephalus	31·1	37	13	18	6	–	–	–	–
III. LOCAL.									
ORDER 1.									
Cephalitis	20·4	24	10	9	2	1	2	–	–
Apoplexy	32·8	36	2	1	–	7	11	14	1
Paralysis	30·4	45	1	1	1	4	4	29	5
Insanity	1·7	5	–	–	–	1	2	2	–
Chorea	·1	1	–	–	1	–	–	–	–
Epilepsy	7·3	6	–	–	–	1	2	3	–
Convulsions	56·3	51	39	12	–	–	–	–	–
Brain Disease, &c.	19·7	21	3	1	–	5	4	7	1
ORDER 2.									
Pericarditis	2·5	3	–	–	–	1	2	–	–
Aneurism	2·5	2	–	–	–	1	1	–	–
Heart Disease, &c.	61·2	56	1	–	1	9	23	20	2
ORDER 3.									
Laryngitis	5·4	2	1	1	–	–	–	–	–
Bronchitis	69·2	92	23	16	1	1	11	34	6
Pleurisy	1·9	6	–	–	–	1	2	3	–
Pneumonia	50·8	81	22	22	3	15	9	10	–
Asthma	4·6	6	–	–	–	–	5	1	–
Lung Disease, &c.	11·9	15	5	3	1	2	1	1	2

CAUSES OF DEATH.	Average in the Twenty-ninth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, July 20, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature	64·6°	66·8°							
ORDER 4.									
1. Gastritis	2·1	4	1	–	–	1	2	–	–
2. Enteritis	10·6	10	7	1	1	1	–	–	–
3. Peritonitis	6·1	4	–	–	–	–	2	2	–
4. Ascites	2·0	2	–	–	–	–	–	2	–
5. Ulceration of Intestines	2·2	1	–	–	–	1	–	–	–
6. Hernia	3·0	3	1	–	–	–	2	–	–
7. Ileus	3·2	2	–	–	–	–	–	2	–
8. Intussusception	1·6	–	–	–	–	–	–	–	–
9. Stricture of Intestines	1·4	3	–	–	–	–	3	–	–
10. Fistula	·3	–	–	–	–	–	–	–	–
11. *Stomach Disease, &c.*	8·9	9	3	–	–	–	2	4	–
12. *Pancreas Disease, &c.*	–	–	–	–	–	–	–	–	–
13. Hepatitis	3·5	3	–	–	–	–	2	1	–
14. Jaundice	4·8	7	4	–	–	1	–	2	–
15. *Liver Disease, &c.*	20·4	32	2	1	1	4	15	8	1
16. *Spleen Disease, &c.*	·2	–	–	–	–	–	–	–	–
ORDER 5.									
1. Nephritis	2·7	2	–	–	1	–	1	–	–
2. Ischuria	·2	1	–	–	–	–	–	1	–
3. Bright's Dis. (Nephria)	11·9	5	–	–	–	2	3	–	–
4. Diabetes	1·6	2	–	–	–	1	1	–	–
5. Calculus (Stone)	1·1	–	–	–	–	–	–	–	–
6. Cystitis	·8	3	–	–	–	–	2	–	1
7. *Kidney Disease, &c.*	10·2	9	–	–	–	–	4	5	–
ORDER 6.									
1. Ovarian Dropsy	·5	–	–	–	–	–	–	–	–
2. *Uterus Disease, &c.*	4·5	3	–	–	–	1	2	–	–
ORDER 7.									
1. Synovitis (Arthritis)	·9	1	–	–	–	–	1	–	–
2. *Joint Disease, &c.*	4·6	7	–	–	2	1	2	2	–
ORDER 8.									
1. Phlegmon	2·3	3	–	–	–	1	2	–	–
2. Ulcer	1·0	–	–	–	–	–	–	–	–
3. *Skin Disease, &c.*	1·3	3	2	1	–	–	–	–	–
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth	23·8	27	27	–	–	–	–	–	–
2. Cyanosis	2·3	1	1	–	–	–	–	–	–
3. Spina Bifida	1·2	1	1	–	–	–	–	–	–
4. Other Malformations	2·0	1	1	–	–	–	–	–	–
5. Teething	13·6	19	15	4	–	–	–	–	–
ORDER 2.									
1. Paramenia	·2	–	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever)	4·5	8	–	–	–	5	3	–	–
ORDER 3.									
1. Old Age	40·3	36	–	–	–	–	–	18	18
ORDER 4.									
1. Atrophy and Debility	89·9	102	88	7	–	–	–	7	–
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	19·7	10	–	2	–	5	2	1	–
2. Wounds: Gunshot	·7	–	–	–	–	–	–	–	–
2. Wounds: Cut, Stab		1	–	–	–	–	1	–	–
3. Burns and Scalds	2·8	3	–	1	–	1	1	–	–
4. Poison	·6	–	–	–	–	–	–	–	–
5. Drowning	9·9	13	1	–	7	4	1	–	–
6. Suffocation	6·4	9	7	–	–	–	1	1	–
7. Otherwise	3·7	4	2	1	1	–	–	–	–
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	1·3	–	–	–	–	–	–	–	–
ORDER 4. (SUICIDE.)									
1. Wounds: Gunshot	·6	–	–	–	–	–	–	–	–
1. Wounds: Cut, Stab	1·1	2	–	–	–	–	1	1	–
2. Poison	1·2	–	–	–	–	–	–	–	–
3. Drowning	·9	2	–	–	1	–	–	1	–
4. Hanging	1·3	–	–	–	–	–	–	–	–
5. Otherwise	·9	2	–	–	–	2	–	–	–
ORDER 5. (EXECUTION.)									
1. Hanging	–	–	–	–	–	–	–	–	–
Sudden Deaths (Cause unascertained)	·4	–	–	–	–	–	–	–	–
Causes not specified or ill-defined	3·8	5	4	–	–	–	–	1	–

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLE
during the Week endin

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions
LONDON - - -	3,254,260	2364	1787	700	290	19	13	21	8	106	3	15	1	339	46	76	27
WEST DISTRICTS - - - -	561,359	371	314	119	60	2	6	1	1	16	1	4	-	59	9	14	43
NORTH DISTRICTS - - -	751,729	548	416	168	70	3	1	9	3	29	1	3	-	91	7	20	49
CENTRAL DISTRICTS - - -	334,369	173	164	59	20	-	1	1	1	10	-	2	-	25	4	6	43
EAST DISTRICTS - - - -	639,111	486	362	147	57	2	1	2	1	20	1	2	-	70	12	18	62
SOUTH DISTRICTS - - - -	967,692	786	531	207	83	12	4	8	2	31	-	4	1	94	14	18	79
WEST DISTRICTS.																	
St. Mary Paddington *WH* - - -	58728	55	34	9	9	1	-	-	-	1	-	-	-	2	-	-	7
St. John Paddington *H* - - -	38085	13	12	3	3	-	-	-	-	-	-	-	-	-	1	2	4
Kensington Town *W* - - - -	91645	77	49	26	5	-	1	-	-	2	-	-	-	12	3	4	3
Brompton *H* - - - - -	28654	16	12	5	1	-	-	-	-	2	-	-	-	2	-	-	-
St. Peter Hammersmith - - -	6662	1	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith *H* - - -	36029	35	37	14	8	-	2	-	-	2	-	1	-	9	-	-	-
Fulham *WwH* - - - - -	23350	12	25	10	3	1	-	-	-	3	-	1	-	7	1	2	4
Chelsea South *HHH* - - - -	26420	16	21	8	3	-	1	1	-	1	-	1	-	4	2	1	-
Chelsea North-west *WHHHH* - -	22926	19	18	6	4	-	-	-	1	-	1	1	-	3	-	-	7
Chelsea North-east - - - -	21392	21	12	6	1	-	1	-	-	-	-	-	-	4	-	-	-
Hanover Square *H* - - - -	18698	6	6	1	3	-	-	-	-	-	-	-	-	-	1	1	-
May Fair *WW* - - - - -	13358	4	10	3	4	-	-	-	-	-	-	-	-	2	-	-	7
Belgrave *HH* - - - - -	57972	29	22	4	7	-	-	-	-	2	-	-	-	1	1	2	5
St. John Westminster *HH* - - -	38478	25	22	10	4	-	-	-	-	-	-	-	-	7	-	2	-
St. Margaret Westminster *WH* - -	27781	14	12	4	1	-	-	-	-	2	-	-	-	2	-	-	6
Golden Square *WH* - - - -	12860	3	6	2	-	-	1	-	-	-	-	-	-	1	-	-	-
Berwick-street *H* - - - -	20759	12	6	4	1	-	-	-	-	-	-	-	-	1	-	-	-
St. Anne Soho *HHHHH* - - -	17562	13	6	4	1	-	-	-	-	1	-	-	-	2	-	-	-
NORTH DISTRICTS.																	
All Souls Marylebone *HHHH* - -	28579	13	13	4	2	-	1	-	-	-	-	-	-	4	-	1	1
Cavendish Square *HH* - - -	15425	10	2	2	-	-	-	-	-	-	-	-	-	-	1	1	-
Rectory Marylebone *WH* - - -	26384	22	21	8	7	-	-	-	-	-	-	-	-	6	-	1	11
St. Mary Marylebone *HHH* - -	21786	24	13	6	3	-	-	1	-	1	-	-	-	5	-	3	-
Christchurch Marylebone *H* - -	33944	25	19	7	3	-	-	1	-	4	-	-	-	4	-	-	-
St. John Marylebone *H* - - -	33136	19	13	5	1	-	-	-	-	2	-	-	-	3	-	-	-
Hampstead *HH* - - - -	32281	12	10	1	3	-	-	-	1	-	-	-	-	1	-	-	1
Regent's Park Lunatics - - -	38209	21	18	8	-	-	-	-	-	2	-	1	-	-	-	2	-
Tottenham-cou. *wHHH* - - -	29370	14	16	5	3	-	-	-	-	1	-	-	-	3	1	2	6
Gray's Inn Lane *HHH* - - -	29221	11	21	10	1	-	-	-	-	3	-	-	-	6	-	2	2
Somers Town - - - - -	38533	22	21	9	3	-	-	1	-	-	-	1	-	6	-	-	-
Camden Town *WH* - - - -	17943	12	14	8	4	-	-	-	-	-	-	-	-	3	-	-	5
Kentish Town *w* - - - - -	68198	60	48	20	8	-	-	2	-	5	-	-	-	14	1	3	4
Islington West *HHH* - - - -	97820	78	51	26	5	1	-	1	1	1	-	-	-	14	-	-	2
Islington East *WwwH* - - -	115958	92	74	28	13	2	-	2	1	4	-	-	-	16	2	3	7
Stoke Newington *H* - - - -	9841	15	10	1	3	-	-	-	-	2	-	-	-	-	-	-	-
Stamford Hill - - - - -	6598	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney - - - - -	28069	27	10	6	1	-	-	-	-	1	-	-	-	3	2	2	-
Hackney *WwwHL* - - - -	50104	46	27	3	8	-	-	1	-	3	1	1	-	-	-	-	10
South Hackney - - - - -	30339	21	14	10	2	-	-	-	-	-	-	-	-	3	-	-	-
CENTRAL DISTRICTS.																	
St. George Bloomsbury - - -	17853	5	2	1	-	-	-	-	-	1	-	-	-	-	-	1	-
St. Giles South *WH* - - - -	19109	9	13	7	2	-	-	-	-	1	-	-	-	3	-	-	5
St. Giles North - - - - -	16594	15	6	5	-	-	-	-	-	2	-	-	-	-	1	1	-
Long Acre - - - - - -	11379	4	11	5	-	-	-	-	-	-	-	-	-	2	-	-	-
Charing Cross *HH* - - - -	9859	3	8	2	2	-	-	-	-	-	-	2	-	-	-	-	5
St. Mary-le-Strand - - - -	9378	6	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes *H* - - - -	10723	4	11	3	-	-	1	-	-	-	-	-	-	1	-	-	8
St. George-the-Martyr *HHHHH* -	20521	9	9	1	2	-	-	-	-	1	-	-	-	-	-	-	5
St. Andrew Eastern *W* - - -	13529	6	10	1	2	-	-	-	-	-	-	-	-	1	-	-	7
Saffron Hill *H* - - - - -	9066	4	2	1	-	-	-	-	-	-	-	-	-	2	-	-	-
St. James Clerkenwell *W* - - -	18917	12	10	6	1	-	-	-	-	-	-	-	-	1	-	-	4
Amwell Clerkenwell - - - -	16884	12	6	3	1	-	-	-	-	-	-	-	-	1	-	-	-
Pentonville - - - - - -	13337	10	8	5	-	-	-	1	-	1	-	-	-	3	-	-	-
Goswell-street - - - - -	16242	7	7	4	1	-	-	-	-	-	-	-	-	4	1	1	-
Old-street *H* - - - - -	12161	15	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
City-road *HHL* - - - - -	18301	14	9	2	1	-	-	-	-	-	-	-	-	1	-	-	-
Whitecross-street - - - - -	13792	11	12	5	-	-	-	-	-	1	-	-	-	3	-	-	-
Finsbury - - - - - -	10741	3	6	2	2	-	-	-	-	1	-	-	-	2	-	1	-
St. Botolph East London *H* - -	14540	7	3	1	1	-	-	-	-	1	-	-	-	-	-	-	-
Cripplegate - - - - - -	13638	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre *H* - - - - -	7562	2	15	-	1	-	-	-	-	-	-	-	-	-	2	2	12
St. Bride *W* - - - - - -	11185	2	5	1	2	-	-	-	-	1	-	-	-	1	-	-	-
Castle Baynard - - - - -	4426	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Christchurch - - - - -	6270	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe - - - - - -	4753	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking - - - -	5764	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad-street *H* - - - - -	7845	3	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: *W*—Workhouse *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see no at the foot of next page.

:VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT turday, 20th July 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
olywell Shoreditch	12430	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
. Leonard Shoreditch *HL*†	16545	8	5	3	-	-	-	-	-	1	-	-	-	1	-	1	-
oxton New Town *w*	27835	17	14	7	6	-	-	-	-	1	-	-	-	5	-	-	4
oxton Old Town	26933	22	12	5	1	1	-	-	-	-	-	-	-	4	1	1	-
aggerston *WH*	43421	38	41	18	8	-	-	-	-	2	-	-	-	13	2	1	8
ackney-road *H*	29822	27	17	10	1	-	-	-	-	1	-	-	-	1	1	2	-
reen, Bethnal Green *WHL*†	42433	26	25	7	10	-	-	1	-	1	-	-	-	2	-	-	7
hurch, Bethnal Green	26577	21	15	6	3	-	-	-	-	1	-	1	-	-	-	1	-
own, Bethnal Green	21272	15	10	4	1	-	-	-	-	1	-	-	-	3	-	-	-
italfields *H*	22499	6	5	2	-	-	-	-	-	-	-	-	-	1	-	1	-
ile End New Town *W*	15550	8	7	2	1	-	-	-	-	-	-	-	-	1	-	1	1
hitechapel North	11597	7	7	2	-	-	-	-	-	-	-	-	-	-	-	1	-
hitechapel Church *H*	7322	4	14	2	2	-	-	-	-	-	-	-	-	2	2	2	10
oodman's Fields	10381	4	3	2	-	-	-	-	-	-	-	-	-	1	-	-	-
ldgate	9224	6	5	1	1	-	-	-	-	-	-	-	-	1	-	1	-
. Mary St. George East	17900	14	8	3	1	-	1	-	-	-	-	-	-	2	-	-	-
. Paul St. George East	21350	20	9	4	-	-	-	-	-	2	-	-	-	2	-	-	-
. John St. George East *W*	8802	6	8	3	-	-	-	-	-	1	-	-	-	1	-	-	5
adwell *H*	11640	7	7	3	-	-	-	-	-	1	-	-	-	2	3	3	4
atcliff	16131	5	7	1	3	-	-	-	-	1	1	-	-	1	-	-	-
imehouse	29919	20	12	4	1	-	-	-	-	-	-	-	-	6	-	-	-
ile End Old Town Western	38128	33	17	12	1	-	-	-	-	-	-	-	-	4	-	-	-
ile End Old Town Eastern *WwwH*	55024	40	36	18	1	-	-	-	1	3	-	-	-	10	-	-	4
ow *wwwH*	67765	80	55	20	11	1	-	1	-	4	-	1	-	5	1	1	17
oplar *WW*	48611	48	23	8	5	-	-	-	-	-	-	-	-	2	2	2	2
SOUTH DISTRICTS.																	
hristchurch Southwark *WH*	14573	10	9	4	4	-	-	-	-	-	-	-	-	2	-	1	2
t. Saviour Southwark *H*	15677	13	8	3	1	-	-	-	-	1	-	-	-	-	-	-	-
ent-road	20421	10	13	5	1	-	2	-	-	3	-	-	-	3	-	1	-
orough-road *WH*	16695	6	10	6	-	-	-	-	-	-	-	-	-	5	-	-	-
ondon-road *HL*	18961	10	20	11	-	1	-	1	-	3	-	-	-	5	-	-	1
rinity Newington	23682	20	11	4	-	-	-	-	1	3	-	-	-	4	-	-	-
t. Peter Walworth *W*	48248	45	39	12	12	-	-	-	-	-	-	-	-	7	-	-	17
t. Mary Newington	16792	16	12	3	-	-	-	-	-	1	-	-	-	[illegible]	-	-	-
t. Olave Southwark *H*	4373	5	9	-	1	-	1	-	-	-	-	1	-	-	-	-	8
t. John Horsleydown *W*	10500	6	3	2	-	-	-	-	-	-	-	-	-	1	-	-	-
eather Market	16787	14	9	5	-	-	1	-	-	-	-	-	-	5	-	-	-
t. Mary Magdalen *W*	15709	11	15	5	6	-	-	-	-	-	-	1	-	5	-	-	6
t. James Bermondsey	47933	46	22	10	3	-	-	1	-	1	-		-	4	-	-	-
otherhithe *W*	27096	24	15	9	-	-	-	-	-	1	-	-	-	4	1	2	1
aterloo-road 1st *H*	14074	11	10	5	-	-	-	-	-	1	-	-	-	3	1	1	2
aterloo-road 2nd *H*	18465	12	7	2	2	-	-	-	-	1	-	-	-	2	-	-	-
ambeth Church 1st *H*	19492	13	8	2	2	-	-	-	-	-	-	-	-	1	1	1	6
ambeth Church 2nd *WW*	35833	30	21	6	3	-	-	1	-	-	-	-	-	5	-	-	8
ennington 1st	41286	23	9	4	3	-	-	-	-	-	-	-	-	1	-	-	-
ennington 2nd	31221	19	13	4	4	-	-	-	-	1	-	-	-	2	1	-	-
rixton *w*	35435	36	22	7	3	2	-	-	-	1	-	-	-	1	-	-	2
orwood *W*	12536	11	3	-	1	-	-	1	-	-	-	-	-	-	-	-	-
lapham *H*	27347	19	12	5	2	-	-	-	-	1	-	-	-	3	1	1	1
attersea *Ww*	54016	82	45	21	6	-	-	-	-	2	-	1	-	7	-	-	3
andsworth *HL*	19783	14	4	1	-	-	-	-	-	-	-	-	-	-	2	2	1
utney	9439	6	2	-	1	-	-	-	-	-	-	-	-	-	-	1	-
treatham	14475	7	2	2	-	-	-	-	-	1	-	-	-	-	-	-	-
ulwich	4041	-	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-
amberwell *WL*†*L*†	31254	22	21	10	6	-	-	-	-	3	-	-	-	1	1	2	6
eckham *W*	42160	30	29	16	1	1	-	2	-	-	-	-	-	6	1	1	-
t. George Camberwell	33851	35	25	10	1	2	-	2	-	3	-	-	-	5	3	3	-
t. Paul Deptford *w*	53714	48	29	8	5	6	-	-	-	2	-	-	-	2	-	-	4
t. Nicholas Deptford	6474	5	2	1	1	-	-	-	-	-	-	-	-	1	-	-	-
reenwich West	21034	12	9	3	2	-	-	-	-	1	-	1	-	-	1	1	-
reenwich East *WH*	19378	10	13	4	3	-	-	-	-	-	-	-	-	1	-	-	8
lham *H*	4539	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ee	16440	14	6	2	-	-	-	-	-	1	-	-	-	-	-	-	-
ewisham Village *WH*	11513	16	5	2	2	-	-	-	-	-	-	-	-	-	-	-	2
ydenham *H*	19065	14	11	4	1	-	-	-	-	-	-	-	1	3	-	-	-
harlton *H*	9564	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
oolwich Dockyard	17226	10	8	3	1	-	-	-	-	-	-	-	-	1	-	-	-
oolwich Arsenal *WHH*	18331	16	8	2	2	-	-	-	1	-	-	-	-	1	1	1	1
lumstead West	13027	9	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
lumstead East *W*	15232	18	4	1	1	-	-	-	-	-	-	-	-	1	-	-	-

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the ove Table by *w* :—

Central London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary " " "
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.
London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 20th July, 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
	LONDON—OUTER RING	368,414	631,381	489	277	86	59	1	2	4	2	11	1	31	14	14	29
29 : 1	Carshalton *wL* - - -	12228	13523	15	6	1	2	-	-	-	-	-	-	-	-	-	-
2	Epsom (*part of*) * *WH* -	9971	9145	8	1	1	-	-	-	-	-	-	-	-	-	-	-
36 : 1	Godstone (*part of*) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	42	14	1	4	-	-	-	-	1	-	-	-	-	-
2	Mitcham *WH* - - -	11697	12534	10	5	3	1	-	-	-	-	1	-	1	-	-	-
38 : 1	Wimbledon *HH* - - -	3220	9087	4	3	1	2	-	-	-	-	-	-	-	-	-	-
2	Kingston *WH* - - -	8549	27489	15	6	-	3	-	-	-	-	-	-	-	-	-	-
3	Esher (*part of*) * - -	6601	7353	8	2	-	-	-	-	-	-	-	-	-	-	-	-
4	Hampton - - - -	4573	10185	8	-	-	-	-	-	-	-	-	-	-	-	-	-
39 : 1	Richmond *WH* - - -	2271	16829	8	6	1	3	-	-	-	-	-	-	1	-	-	1
2	Mortlake - - - -	2961	9316	5	4	1	1	-	-	-	-	-	-	1	1	1	-
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	17	8	3	3	-	-	-	-	1	-	1	-	-	-
2	Chislehurst (*part of*) * *W* -	13665	10028	7	5	1	1	-	-	-	-	-	-	-	-	-	2
41 : 1	Bexley *H* - - - -	13439	19566	25	4	1	2	-	-	-	-	-	-	1	-	-	-
123 : 1	Sunbury *W* - - -	11055	9860	5	3	2	-	-	-	-	-	1	-	-	1	1	-
2	Staines *W* - - - -	13277	10339	2	2	1	1	-	-	-	-	1	-	-	-	-	-
124 : 1	Hillingdon *WH* - - -	6029	9712	7	6	1	3	-	-	-	-	-	-	-	1	1	4
2	Uxbridge - - - -	6178	5329	2	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Hayes *WL* - - - -	14587	10497	4	2	-	-	-	-	-	-	-	-	-	-	-	2
125 : 1	Isleworth *W* - - -	7008	19930	15	3	2	-	-	-	-	-	-	-	1	-	-	-
2	Twickenham - - -	2477	10533	10	5	2	2	-	1	-	-	-	-	-	-	-	-
3	Brentford *HL* - - -	4370	20279	9	4	3	-	-	-	1	-	-	-	2	-	-	-
4	Chiswick - - - -	1311	8508	4	6	4	-	-	-	-	-	-	-	3	1	1	-
5	Acton *WH* - - - -	6087	12683	14	9	4	1	-	-	-	-	1	-	2	-	-	-
126 : 1	Harrow *H* - - - -	13809	10869	7	2	1	1	-	-	-	-	-	-	-	1	1	-
2	Edgware *H* - - -	6994	3450	2	1	-	1	-	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	17	8	5	1	-	-	-	-	1	-	1	-	-	-
4	Hendon *WH* - - -	8382	6972	8	7	-	1	-	-	-	-	-	-	-	2	2	2
127 : 1	South Mimms - - -	15419	5924	5	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Barnet *W* - - - -	5423	7752	2	2	-	2	-	-	-	-	-	-	-	-	-	1
3	Finchley *L* - - - -	4688	11493	2	11	2	4	-	-	-	-	-	-	-	-	-	4
128 : 1	Hornsey *H* - - - -	3039	19357	21	6	2	2	-	-	-	-	-	-	2	-	-	-
2	Tottenham *H* - - -	4642	22869	23	11	2	2	1	-	1	-	-	-	1	-	-	1
3	Edmonton *WW* - - -	7483	13860	12	16	3	8	-	-	-	1	-	1	-	-	-	5
4	Enfield *WH* - - -	12653	16054	4	13	4	1	-	-	1	-	-	-	2	2	2	-
5	Waltham Abbey - - -	11017	5197	3	1	-	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	5	3	-	1	-	-	-	-	-	-	-	-	-	-
134 : 1	Hatfield (*part of*) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	2	-	-	-	-	-	-	-	-	-	-	-	-	-
185 : 1	Stratford - - - -	882	23286	34	18	8	1	-	-	-	-	1	-	4	2	2	-
2	West Ham *WWWW* - -	7345	44642	56	45	18	1	-	1	1	-	3	-	5	-	-	-
3	Leyton *WW* - - -	4274	15513	18	13	3	3	-	-	-	-	-	-	-	-	-	7
4	Walthamstow *H* - -	6619	15701	15	7	2	-	-	-	-	1	-	-	2	2	2	-
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	3	4	1	1	-	-	-	-	-	-	-	-	-	-
188 : 1	Romford (*part of*) * - -	6730	2879	2	2	-	-	-	-	-	-	-	-	-	1	1	-
2	Ilford - - - - -	8492	5947	2	1	1	-	-	-	-	-	-	-	1	-	-	-
3	Barking Town - - -	4128	6576	2	2	1	-	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:—29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903); 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoidon-Bois (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

ABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 20th July 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	
TER LONDON	446,494	4,450,015	24·2	6·8	2064	786	349	20	15	25	10	117	20	370	60	305
NER LONDON -	78,080	3,577,304	26·1	7·7	1787	700	290	19	13	21	8	106	19	339	46	276
TER RING -	368,414	872,711	16·6	3·1	277	86	59	1	2	4	2	11	1	31	14	29

E.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal 647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area 14 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, h 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than s to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,751,796 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	June	8	–	269	32·6	Small-pox 71; fevers 71.
BOMBAY - -	644,405	„	18	–	443	35·7	Small-pox 7; cholera 26.
MADRAS - -	397,552	May	31	–	309	40·4	Small-pox 7.
PARIS - - -	1,988,806	July	18	–	878	23·0	Typhoid fever 10; diphtheria 28.
GENEVA - -	68,792	„	13	36	28	21·2	—
BRUSSELS - -	175,782	„	6	104	100	29·7	—
AMSTERDAM -	302,266	„	6	202	142	24·4	Typhus and typhoid fever 4.
ROTTERDAM -	142,585	„	6	108	79	28·8	—
THE HAGUE -	107,896	„	6	60	52	25·0	—
COPENHAGEN -	220,000	„	9	140	101	24·0	Diphtheria 2.
STOCKHOLM -	146,845	„	6	–	64	21·7	—
CHRISTIANIA -	105,000	„	13	82	40	19·4	—
ST. PETERSBURGH	669,741*	„	6	–	622	48·3	Small-pox 19; typhus and typhoid fever 65.
BERLIN - -	1,019,620	June	29	838	1034	52·2	Diarrhœal diseases 465.
HAMBURG (State)	406,104	July	6	315	226	29·0	Whooping-cough 6.
DRESDEN - -	207,845	„	6	181	120	29·7	Diphtheria and croup 4.
BRESLAU - -	267,000	„	13	221	164	31·9	Scarlet fever 5; diarrhœal diseases 31.
MUNICH - -	222,000	„	13	159	149	35·0	Diarrhœal diseases 45.
VIENNA - -	727,271	„	13	521	415	29·7	Small-pox 11; diphtheria 16.
BUDA-PESTH -	319,530	„	6	191	237	38·5	Small-pox 7.
ROME - - -	282,214	June	1	125	154	28·5	Diphtheria and croup 5.
NAPLES - -	457,407	„	24	–	345	39·4	Typhus 14; diphtheria 7.
TURIN - -	227,843	July	6	139	114	26·1	—
VENICE - -	139,796	„	13	71	56	20·9	—
ALEXANDRIA -	212,034	„	4	146	222	54·6	Whooping-cough 7.
NEW YORK -	1,084,528	June	22	–	469	22·5	Scarlet fever 21; diphtheria 17.
BROOKLYN -	549,438	„	15	–	188	17·8	Scarlet fever 7; diphtheria 5.
PHILADELPHIA	876,118	„	29	–	321	19·1	Scarlet fever 12.
BALTIMORE -	355,000	„	22	–	134	19·7	Infantile cholera 15.

* The rate of mortality in St. Petersburgh is calculated on the population enumerated at the last Census in 1869, and is thus probably overstated, as the population of the city is said to have increased in a remarkable manner since that date.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 20th JULY, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit)	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Between Dew Point Temperature and Air Temperature. Greatest.	Between Dew Point Temperature and Air Temperature. Least.	Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure on square foot. Greatest.	Osler's. Pressure on square foot. Least.	Osler's. Pressure on square foot. Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
JULY.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN.	14	Full	29·939	71·8	49·2	22·6	59·9	51·5	133·2	42·8	66·3	63·7	8·4	17·5	0·0	− 2·7	74	Variable	NE. N. & WSW.	0·0	0·0	0·0	139	− 82	0·00	5·5
MON.	15	..	30·032	73·4	52·7	20·7	61·0	54·5	121·9	46·1	66·5	64·8	6·5	15·3	1·6	− 1·7	79	W. NW. & NNW.	N. NW. & S.	0·2	0·0	0·0	159	− 64	0·00	0·0
TUES.	16	..	30·111	76·5	50·1	26·4	64·3	55·7	125·5	41·5	66·5	65·1	8·6	17·2	0·0	+ 1·6	74	Variable	N.	0·2	0·0	0·0	131	− 95	0·00	0·0
WED.	17	..	30·122	82·2	53·7	28·5	69·1	57·8	128·5	46·9	66·8	65·1	11·3	21·1	0·0	+ 6·4	67	NW.	N. & NNW.	0·0	0·0	0·0	116	−116	0·00	1·0
THURS.	18	..	30·145	84·4	59·1	25·3	72·3	61·2	137·2	53·5	67·8	65·8	11·1	20·0	3·4	+ 9·7	68	N.	N. & NNE.	0·0	0·0	0·0	147	− 85	0·00	0·0
FRI.	19	In Equator	30·076	84·6	61·0	23·6	72·3	59·5	146·0	56·6	69·1	66·3	12·8	24·0	0·4	+ 9·8	64	N. & NE.	E. & ESE.	0·7	0·0	0·1	168	− 65	0·00	3·0
SAT.	20	Apogee.	29·946	79·7	56·7	23·0	68·9	57·4	148·7	49·8	70·1	67·3	11·5	19·4	0·0	+ 6·5	67	E.	E.	2·8	0·0	0·3	227	− 10	0·00	4·3
MEANS		..	30·053	78·9	54·6	24·3	66·8	56·8	134·4	48·2	67·6	65·4	10·0	19·2	0·8	+ 4·2	70	N.		..	..	..	Sum 1087	Sum −517	Sum 0·00	2·0
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. JULY.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY	14	Weak positive - -	5·0	16·1	A fine day. Partially cloudy.
MONDAY	15	Weak negative principally.	3·1	16·1	Generally cloudy.
TUESDAY	16	Weak positive in morning; weak negative in afternoon; weak positive at night.	7·9	16·1	A very fine day. Partially cloudy till evening; then cloudless.
WEDNESDAY	17	Weak positive - -	11·0	16·0	A very fine day; generally cloudless throughout.
THURSDAY	18	Weak positive in morning; no electricity in afternoon and evening.	9·6	16·0	Very fine. Partially cloudy till evening; cloudless at night.
FRIDAY	19	Weak positive - -	11·4	16·0	A very fine day. The amount of cloud was small.
SATURDAY	20	Weak positive generally shown.	8·4	15·9	A very fine day. Light clouds prevailed.
..		..	Sum 56·4	Sum 112·2	
No. of Col.		28	29	30	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page 217.*

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and − "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Sir E. Y. W. Henderson, R.E., K.C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 29·86 in. at the beginning of the week to 30·17 in. by 9h. A.M. on the 18th; and decreased to 29·91 in. by the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
29th July, 1878.

United Kingdom.

During last week 5678 *births* and 4413 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality from all causes was at the average rate of 28 deaths annually in every 1000 persons living. The annual death-rate was 19 per 1000 in Edinburgh, 24 in Glasgow, and 27 in Dublin ; small-pox caused 18 deaths in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Bristol 18, Wolverhampton 20, Brighton 21, Nottingham 22, Portsmouth 23, Norwich 23, Oldham 24, Birmingham 25, London 26, Plymouth 26, Newcastle 26, Sunderland 26, Bradford 28, Leicester 30, Manchester 32, Sheffield 33, Salford 36, Leeds 37, Liverpool 38, and the highest rate 44 in Hull. The annual death-rate from the seven principal zymotic diseases averaged 9·7 per 1000 in the twenty towns, and ranged from 3·5 and 3·6 in Plymouth and Portsmouth, to 17·1 and 20·8 in Leeds and Hull. Scarlet fever showed fatal prevalence in Birmingham, and whooping-cough and measles in Sunderland. Small-pox caused 11 deaths in London, but not one in any of the nineteen large provincial towns.

The fatal cases of diarrhœa in the twenty towns, which had risen from 56 to 602, further rose last week to 991. The annual death-rate from this disease was equal to 6·3 in London, and averaged 7·9 in the nineteen other towns, among which it ranged from 1·8 and 2·1 in Norwich and Plymouth, to 13·3 and 13·9 in Leicester and Leeds, and 19·7 in Hull. Diarrhœa fatality showed a marked increase last week in Leeds, Sheffield, and Hull.

London.

In London 2414 births and 1792 deaths were registered. Allowing for increase of population, the births exceeded by 54, and the deaths by 39, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the three previous weeks had been equal to 22·0, 23·2, and 26·1 per 1000, was again 26·1 last week.

The 1792 deaths included 11 from small-pox, 21 from measles, 27 from scarlet fever, 7 from diphtheria, 101 from whooping-cough, 21 from different forms of fever, and 434 from diarrhœa; thus to the seven principal diseases of the zymotic class 622 deaths were referred, against numbers increasing from 215 to 525 in the five preceding weeks. These 622 deaths were 78 above the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 9·1 per 1000, of which 6·3 was due to diarrhœa. Whooping-cough continues fatally epidemic, and caused 101 of the deaths registered last week, which exceeded the corrected weekly average by 56 ; the disease showed especial fatality in Kentish Town, Islington, Lambeth, and Camberwell. The fatal cases both of measles and of scarlet fever were considerably below the average; scarlet fever, however, caused 4 deaths in Pancras, and 5 in Southwark. The 7 deaths from diphtheria included 2 in Pancras, and 2 in Clapham and Battersea. The 21 deaths referred to fever exceeded by 2 the number returned in each of the two preceding weeks, and were 12 below the corrected average; one fatal case was certified as typhus, 16 as enteric or typhoid, and 4 as simple continued fever. The fatal case of typhus was of an ostler, aged 34 years, who died at 9, White Street, Cripplegate. The 16 deaths from enteric fever included 2 in Pancras, 3 in Islington, and 5 in Lambeth.

The deaths referred to diarrhœa and simple cholera, which in the five preceding weeks had rapidly increased from 23 to 349, further rose last week to 457, of which 336 were of infants under one year of age, and 99 of children aged between one

and five years. The numbers returned last week showed a marked increase in South London, especially in Bow, Bermondsey, Battersea, and Deptford. Of the 23 deaths referred to simple cholera (including choleraic diarrhœa), 18 were of children under 5 years of age, and 4 were adult cases. The deaths of two children of a tailor, at 120, Bow Road, Bromley, aged 8 months and 2 years, were certified from "English cholera." During the past five weeks the annual death-rate from diarrhœa within the area supplied by the Kent Water Company from deep wells in the chalk has been equal to 1·7 per 1000, whereas in the rest of the Metropolis supplied by the other Companies with water from the rivers Thames and Lea the diarrhœa rate averaged 3·7 per 1000.

The deaths from small-pox, which had been 11 and 19 in the two preceding weeks, declined again to 11 last week, of which 6 occurred in the Metropolitan Asylum Hospitals, and 5 in private dwelling-houses. All the 11 deceased small-pox patients had resided in South London, including 4 in Greenwich and Deptford, 2 in Southwark, 2 in Battersea, one in Newington, one in Lambeth, and one in Peckham. Six of the 11 fatal cases were "not stated" as to vaccination, 3 were certified to be unvaccinated, and 2 vaccinated. The Metropolitan Asylum Hospitals contained 276 small-pox patients on Saturday last, against 310 and 304 in the two preceding weeks; 62 new cases were admitted to these hospitals during the week, against 39 and 67 in the two previous weeks.

Six fatal cases of sunstroke were registered during the week. The death of an estate agent in Taviton Street, Pancras, was referred to "blood poisoning from noxious effluvia." An ostler died in the Central London Sick Asylum on 25th instant from "farcy, bronchitis."

Different forms of violence caused 50 deaths; 44 were the result of negligence or accident, including 9 from fractures and contusions, 2 from burns and scalds, 14 from drowning, and 9 of infants under one year of age from suffocation. The 9 deaths from fractures and contusions were thus caused:—male aged 5 years, run over by cab; male 8, run over by cart; male 31, run over by van; female 41, run over on Great Western Railway; female 2, fell from swing; male 29, by fracture of spine through diving into swimming bath; male 36, fell in street; male 73, fell in bedroom; and male 11 months, by fracture of thigh (not stated how). An inquest was held in each of these cases.

Greater London.

In the Greater London 2933 births and 2145 deaths were registered, equal to annual rates of 34·4 and 25·2 per 1000 of the population. In the Outer Ring, the fatality of diarrhœa showed a considerable further increase, especially in Croydon and West Ham. Three deaths were referred to diphtheria in Croydon.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 33, Bombay 33, Madras 39; Paris 26; Geneva 16; Brussels 31; Amsterdam 24, Rotterdam 22, The Hague 25; Copenhagen 21; Stockholm 19; Christiania 18; St. Petersburgh 48; Berlin 56, Hamburg 25, Dresden 23, Breslau 32, Munich 31; Vienna 27, Buda-Pesth 40; Rome 32, Turin 31, Venice 27; Alexandria 52; New York 27, Brooklyn 21, Philadelphia 24, and Baltimore 19. Diarrhœal diseases showed especial fatality in Berlin.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·70 in.; the highest reading was 29·91 in. at the beginning of the week, and the lowest 29·50 in. on Wednesday evening. The mean temperature of the *air* was 65°·2, and 3°·0 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean on Thursday was 61°·1, and 1°·1 below the average; on each of the other days of the week the mean showed an excess, and on Sunday, 21st instant, was 69°·3, or 7°·0 above the average. The lowest night temperature was 54°·2 on Friday, and the highest day temperature in the shade 81°·4 on Monday; the extreme range in the week was, therefore, 27°·2. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 145°·0 on Monday. The difference between the mean *dew-point* and *air* temperature averaged 6°·3. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 69°·5. The mean degree of *humidity* of the air was 81, complete saturation being represented by 100; the air was therefore of its average dryness. The direction of the *wind* was variable, and the horizontal movement of the air averaged 9·1 miles per hour, which was 0·9 below the average in the corresponding week of 16 years. *Rain* fell on four days of the week, to the aggregate amount of 0·21 of an inch. The duration of registered bright sunshine in the week was only 37·6 hours, although the sun was above the horizon during 110·2 hours; the recorded duration of sunshine was, therefore, equal to 34 per cent. of its possible duration.

ABLE 2.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, 27th July, 1878.

CITIES AND BOROUGHS. (nicipal Boundaries, cept for LONDON and DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 27th July, 1878. BIRTHS.	DEATHS.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL. In Inches.	In Centimetres.
3 TOWNS in the ITED KINGDOM	220,307	8,373,953	38·0	5678	4413	89·5	46·3	63·3	17·39	0·72	1·83
DON	75,362	3,577,304	47·5	2414	1792	81·4	54·2	65·2	18·44	0·21	0·53
GHTON	2,354	103,923	44·1	68	41	80·2	56·0	65·5	18·61	0·67	1·70
TSMOUTH	4,486	129,461	28·9	85	58	75·4	53·0	63·6	17·56	0·51	1·30
WICH	7,472	84,620	11·3	59	38	79·0	57·0	63·4	17·44	0·06	0·15
MOUTH	1,395	73,599	52·8	42	37	77·0	57·5	65·4	18·55	0·67	1·70
STOL	4,452	206,419	46·4	141	71	84·0	52·0	64·6	18·12	1·32	3·35
LVERHAMPTON	3,396	74,240	21·9	46	29	86·0	52·2	62·6	17·01	0·56	1·42
MINGHAM	8,400	383,117	45·6	279	181	–	–	–	–	–	–
CESTER	3,200	121,473	38·0	74	69	85·2	53·5	62·1	16·73	1·86	4·72
TTINGHAM	9,960	165,267	16·6	110	71	86·4	51·9	63·7	17·61	1·27	3·23
ERPOOL	5,210	532,681	102·2	382	385	83·5	54·2	62·3	16·84	1·00	2·54
NCHESTER	4,293	360,514	84·0	239	223	–	–	–	–	–	–
FORD	5,170	170,251	32·9	145	117	89·5	48·9	62·8	17·12	1·08	2·74
HAM	4,666	107,366	23·0	71	50	–	–	–	–	–	–
DFORD	7,220	185,088	25·6	133	101	87·8	55·4	64·4	18·00	0·98	2·49
DS	21,572	304,948	14·1	236	214	87·0	56·0	64·8	18·23	0·56	1·42
FFIELD	19,651	289,537	14·7	195	184	86·1	55·0	61·9	16·61	0·87	2·21
LL	3,635	143,139	39·4	126	120	80·0	52·0	61·3	16·28	0·48	1·22
DERLAND	2,768	112,459	40·6	69	57	75·0	55·0	60·8	16·01	0·12	0·30
VCASTLE-ON-TYNE	5,371	144,570	26·9	122	73	–	–	–	–	–	–
NBURGH	4,191	222,371	53·1	140	79	74·2	49·5	61·3	16·28	0·47	1·19
SGOW	6,033	566,940	94·0	363	262	80·0	52·0	63·4	17·44	0·35	0·89
BLIN	10,050	314,666	31·3	139	161	79·4	46·3	62·8	17·12	0·61	1·55

For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.
The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the tion of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, ord, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the f local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the ber enumerated in April 1871.

ABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday, 27th July, 1878.

OROUGHS, &c. (nicipal Boundaries, cept for LONDON and DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living. From All Causes.	From Seven Zymotic Diseases.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
n 20 TOWNS	28·1	9·7	3911	1556	531	11	45	95	12	147	51	991	118	181	463
DON	26·1	9·1	1792	758	241	11	21	27	7	101	21	434	50	86	261
GHTON	20·6	4·5	41	18	8	–	–	–	–	–	–	9	3	–	6
TSMOUTH	23·4	3·6	58	21	8	–	–	–	–	–	–	9	2	3	7
WICH	23·4	4·3	38	13	14	–	–	–	–	2	2	3	–	2	1
MOUTH	26·2	3·5	37	11	7	–	1	1	–	–	–	3	1	4	4
STOL	17·9	3·8	71	19	20	–	–	–	–	2	2	11	3	5	15
LVERHAMPTON	20·4	4·2	29	14	5	–	–	–	–	1	–	5	2	2	2
MINGHAM	24·6	10·5	181	68	17	–	3	23	2	8	3	38	13	18	12
CESTER	29·6	14·2	69	49	6	–	1	–	–	–	1	31	–	–	4
TTINGHAM	22·4	5·1	71	28	17	–	–	1	–	–	–	15	1	1	9
ERPOOL	37·7	13·4	385	172	38	–	2	16	1	9	5	104	19	19	46
NCHESTER	32·3	7·8	223	79	28	–	1	3	–	5	2	43	8	13	34
FORD	35·9	13·2	117	46	11	–	2	3	–	2	4	32	6	6	8
HAM	24·3	7·3	50	16	7	–	1	5	2	2	–	5	1	1	3
DFORD	28·5	7·6	101	41	14	–	1	–	–	2	2	22	1	7	5
DS	36·6	17·1	214	108	38	–	7	5	–	6	1	81	1	4	16
FFIELD	33·2	14·1	184	75	24	–	–	6	–	–	2	70	5	5	12
LL	43·7	20·8	120	62	15	–	–	–	–	–	3	54	–	1	13
DERLAND	26·5	9·3	57	22	3	–	5	–	–	7	1	7	–	1	2
VCASTLE-ON-TYNE	26·3	7·9	73	36	10	–	–	5	–	–	2	15	2	3	6
BLIN	26·7	6·3	161	29	24	18	1	1	1	2	8	7	4	3	48

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the THIRTIETH Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2003	2142	2078	2137	2158	2137	2327	2362	2279	2429	2205·2	2414
Males . .	980	1066	1076	1058	1087	1060	1185	1203	1165	1230	1111·0	1243
Females .	1023	1076	1002	1079	1071	1077	1142	1159	1114	1199	1094·2	1171
TOTAL **Deaths**	1885	1646	1700	1420	1643	1609	1651	1422	1973	1430	1637·9	1792
Males . .	945	863	874	734	833	825	846	778	1036	726	846·0	938
Females .	940	783	826	686	810	784	805	644	937	704	791·9	854

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	May 4.	May 11.	May 18.	May 25.	June 1.	Jun 8.	June 15.	June 22.	June 29.	July 6.	July 13.	July 20.	July 27.
TOTAL **Deaths** - - -	1545	1383	1380	1381	1419	1481	1300	1391	1570	1511	1589	1787	1792
0—20 - -	775	709	670	707	761	773	684	687	782	807	957	1083	1161
20—40 - -	235	213	194	192	218	178	181	203	218	183	160	187	186
40—60 - -	240	215	258	225	212	254	190	260	260	222	225	227	204
60—80 - -	252	206	215	208	183	240	210	210	252	199	213	243	209
at 80 years & upwds.	43	40	43	49	45	36	35	31	58	40	34	47	32
Deaths of children: Under 1 year -	371	306	303	317	346	353	341	328	392	469	598	700	758
Deaths of children: 1—5 - - -	286	296	261	274	295	296	250	266	284	292	279	296	302
Deaths of children: 5—20 - -	118	107	106	116	120	124	93	93	106	106	80	87	101
Deaths from 7 principal Zymotic Diseases	295	245	259	246	276	285	220	215	280	350	408	525	622
" " Smallpox - -	60	48	48	43	40	42	24	19	38	19	11	19	11
" " Measles - -	29	33	28	14	15	18	20	17	24	31	16	13	21
" " Scarlet Fever -	27	24	26	17	17	27	24	17	23	19	20	21	27
" " Diphtheria -	10	9	12	20	17	16	8	12	7	11	8	8	7
" " Whooping-cough	117	110	102	116	152	135	101	108	97	108	85	106	101
" " Typhus fever -	5	1	3	2	4	2	2	3	5	3	2	3	1
" " Enteric (or Typhoid) fever -	19	8	16	15	11	15	14	11	10	9	13	15	16
" " Simple Cont^d fever	5	5	3	3	–	5	6	5	4	5	4	1	4
" " Diarrhœa - -	23	7	21	16	20	25	21	23	72	145	249	339	434
" " Simple Cholera -	1	–	–	–	–	–	–	–	6	11	7	10	23
" " Dis. of Respiratory Organs -	284	225	199	204	206	270	200	204	236	188	180	202	151
" " Phthisis - -	189	139	171	151	208	162	169	192	187	170	149	163	169
" " Heart Diseases -	70	74	79	77	69	91	71	95	105	76	79	61	78
Violent Deaths - - -	60	66	75	59	55	59	49	48	46	60	71	46	50
Inquest Cases - - -	101	96	109	85	92	94	76	86	76	94	116	76	86
Deaths in Public Institutions	307	264	274	298	280	283	236	257	308	274	250	276	261
TEMPERATURE OF THE AIR:													
Mean - - - -	55°·5	56°·7	58°·0	51°·8	52°·7	57°·1	55°·7	59°·0	70°·7	60°·1	61°·9	66°·8	65°·2
Mean of Highest readings -	66·5	66·6	67·6	62·2	62·4	68·0	64·6	71·3	82·8	70·3	71·8	78·9	76·0
Mean of Lowest readings -	47·0	48·3	50·7	44·2	45·5	48·1	49·1	48·0	57·9	51·7	54·0	54·6	58·1
Mean Temperature of the Water of the Thames -	55·7	58·7	60·9	59·7	58·3	58·5	60·6	60·3	65·1	67·9	66·1	66·5	69·5
Humidity of the Air - -	77	79	75	77	81	79	77	76	63	78	70	70	81
Rain-fall in inches - -	0·66	2·10	0·63	0·81	0·39	0·80	1·28	0·99	0·61	0·94	0·02	0·00	0·21
Registered Sunshine (in hours)	35·8	33·5	48·3	36·4	29·3	25·3	39·8	42·4	73·9	21·6	33·3	56·4	37·6

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool: T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTIETH Week of the Year 1878.

CAUSES OF DEATH.	Average in the Thirtieth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, July 27, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature -	64°5	65°2							
ALL CAUSES - -	1637·9	1792	758	302	101	186	204	209	32
SPECIFIED CAUSES	1629·7	1790	757	302	101	186	204	208	32
I. ZYMOTIC.									
ORDER 1.									
1. Small-pox - - -	21·4	11	2	-	5	3	-	1	-
2. Measles - - -	30·9	21	5	15	1	-	-	-	-
3. Scarlet Fever - -	46·7	27	4	13	9	1	-		-
4. Diphtheria - -	6·6	7	-	5	2	-	-	-	-
5. Quinsy - - -	·9	2	-	-	-	1	-	1	-
6. Croup - - -	9·3	5	-	5	-	-	-	-	-
7. Whooping-cough -	41·8	101	60	40	1	-	-	-	-
8. Typhus - - -	30·8 (Enteric or Typhoid Fev.)	1	-	-	-	1	-	-	-
— Enteric or Typhoid Fev.		16	2	3	8	3	-	-	-
— Simple continued Fev.		4	-	1	3	-	-	-	-
9. Erysipelas - -	6·0	4	-	-	-	1	1	2	-
10. Puerperal Fev. (Metria)	3·5	2	-	-	-	2	-	-	-
11. Carbuncle - -	·8	1	-	-	-	-	1	-	-
12. Influenza - - -	·2	-	-	-	-	-	-	-	-
13. Dysentery - -	2·4	1	1	-	-	-	-	-	-
14. Diarrhœa - - -	330·5	434	325	92	2	-	2	10	3
15. Simple Cholera - -	24·1	23	11	7	1	-	3	-	1
16. Ague - - - -	·3	-	-	-	-	-	-	-	-
17. Remittent Fever -	·2	-	-	-	-	-	-	-	-
18. Rheumatism - -	7·3	12	-	-	2	5	2	3	-
19. Other *Zymotic* Diseases	·6	-	-	-	-	-	-	-	-
ORDER 2.									
1. Syphilis - - -	10·2	8	6	1	-	1	-	-	-
2. Stricture of Urethra -	·9	-	-	-	-	-	-	-	-
3. Hydrophobia - -	—	-	-	-	-	-	-	-	-
4. Glanders - - -	—	1	-	-	-	-	1	-	-
ORDER 3.									
1. Privation - - -	·1	-	-	-	-	-	-	-	-
2. Want of Breast-milk	18·8	15	14	1	-	-	-	-	-
3. Purpura and Scurvy -	2·3	1	-	1	-	-	-	-	-
4. Alcoholism { *a* Del. Tremens	2·8	1	-	-	-	1	-	-	-
4. Alcoholism { *b* Intemperance	1·8	1	-	-	-	-	1	-	-
ORDER 4.									
1. Thrush - - -	7·2	7	7	-	-	-	-	-	-
2. Worms, &c. - -	·6	-	-	-	-	-	-	-	-
II. CONSTITUTIONAL.									
ORDER 1.									
1. Gout - - - -	2·3	2	-	-	-	-	1	1	-
2. Dropsy - - -	10·0	4	1	-	-	1	1	1	-
3. Cancer - - -	40·2	35	-	-	1	4	13	16	1
4. Cancrum Oris (Noma)	·1	-	-	-	-	-	-	-	-
5. Mortification - -	4·0	1	-	-	-	-	-	1	-
ORDER 2.									
1. Scrofula - - -	11·1	18	7	7	4	-	-	-	-
2. Tabes Mesenterica -	42·5	57	41	13	3	-	-	-	-
3. Phthisis - - -	159·0	169	5	8	15	88	47	6	-
4. Hydrocephalus - -	32·1	30	16	11	3	-	-	-	-
III. LOCAL.									
ORDER 1.									
1. Cephalitis - - -	23·4	18	8	6	2	2	-	-	-
2. Apoplexy - - -	33·3	44	3	1	-	3	19	16	2
3. Paralysis - - -	28·0	27	-	-	-	1	8	17	1
4. Insanity - - -	2·5	4	-	-	-	3	1	-	-
5. Chorea - - -	·1	-	-	-	-	-	-	-	-
6. Epilepsy - - -	5·9	3	-	-	-	1	1	1	-
7. Convulsions - -	54·6	57	41	15	1	-	-	-	-
8. *Brain Disease, &c.* -	18·9	28	2	-	2	8	5	10	1
ORDER 2.									
1. Pericarditis - -	2·1	1	-	1	-	-	-	-	-
2. Aneurism - - -	2·2	2	-	-	-	1	1	-	-
3. *Heart Disease, &c.* -	60·7	75	1	-	8	14	22	28	2
ORDER 3.									
1. Laryngitis - - -	5·0	5	1	2	-	1	1	-	-
2. Bronchitis - - -	66·5	71	27	10	-	2	18	19	5
3. Pleurisy - - -	2·9	4	-	1	-	-	1	2	-
4. Pneumonia - -	47·6	59	14	17	5	9	8	6	-
5. Asthma - - -	3·7	2	-	-	-	-	2	-	-
6. *Lung Disease, &c.* -	10·6	10	3	2	-	2	1	2	-
ORDER 4.									
1. Gastritis - - -	2·3	1	-	-	-	-	1	-	-
2. Enteritis - - -	9·7	16	11	2	-	1	2	-	-
3. Peritonitis - - -	5·0	7	-	1	1	1	2	2	-
4. Ascites - - -	2·8	1	-	-	-	-	-	1	-
5. Ulceration of Intestines	3·4	3	-	-	-	-	2	1	-
6. Hernia - - -	2·9	1	-	-	-	-	-	1	-
7. Ileus - - - -	3·8	4	1	-	-	-	2	1	-
8. Intussusception -	1·1	3	2	-	-	-	-	1	-
9. Stricture of Intestines	1·2	1	-	-	-	-	-	1	-
10. Fistula - - -	·3	-	-	-	-	-	-	-	-
11. *Stomach Disease, &c.* -	7·4	5	1	-	-	-	1	3	-
12. *Pancreas Disease, &c.*	—	-	-	-	-	-	-	-	-
13. Hepatitis - - -	3·4	6	-	-	1	-	3	2	-
14. Jaundice - - -	5·3	7	4	-	-	1	1	1	-
15. *Liver Disease, &c.* -	21·9	20	-	-	-	3	12	5	-
16. *Spleen Disease, &c.* -	·4	-	-	-	-	-	-	-	-
ORDER 5.									
1. Nephritis - - -	1·9	7	-	-	1	1	5	-	-
2. Ischuria - - -	·4	-	-	-	-	-	-	-	-
3. Bright's Dis. (Nephria)	11·8	17	-	1	-	2	7	7	-
4. Diabetes - - -	1·9	-	-	-	-	-	-	-	-
5. Calculus (Stone) -	·5	2	-	-	-	-	1	1	-
6. Cystitis - - -	·8	-	-	-	-	-	-	-	-
7. *Kidney Disease, &c.* -	6·7	6	-	-	-	2	-	4	-
ORDER 6.									
1. Ovarian Dropsy -	·9	3	-	-	-	3	-	-	-
2. *Uterus Disease, &c.* -	4·4	4	-	-	1	-	3	-	-
ORDER 7.									
1. Synovitis (Arthritis)	·1	-	-	-	-	-	-	-	-
2. *Joint Disease, &c.* -	5·6	7	-	-	4	1	1	1	-
ORDER 8.									
1. Phlegmon - - -	2·5	4	1	-	1	-	2	-	-
2. Ulcer - - - -	1·0	1	-	-	-	-	1	-	-
3. *Skin Disease, &c.* -	1·1	4	3	-	-	1	-	-	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth -	27·0	26	26	-	-	-	-	-	-
2. Cyanosis - - -	1·8	3	2	-	1	-	-	-	-
3. Spina Bifida - -	1·2	2	2	-	-	-	-	-	-
4. Other Malformations	1·0	3	3	-	-	-	-	-	-
5. Teething - - -	18·7	18	14	4	-	-	-	-	-
ORDER 2.									
1. Paramenia - - -	·3	-	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever) - -	5·6	3	-	-	-	3	-	-	-
ORDER 3.									
1. Old Age - - -	39·7	35	-	-	-	-	-	19	16
ORDER 4.									
1. Atrophy and Debility	88·8	88	67	9	1	1	-	10	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	16·8	9	1	1	2	3	1	1	-
2. Wounds { Gunshot	1·2	-	-	-	-	-	-	-	-
2. Wounds { Cut, Stab		-	-	-	-	-	-	-	-
3. Burns and Scalds -	3·1	2	-	1	-	-	1	-	-
4. Poison - - -	1·2	1	-	1	-	-	-	-	-
5. Drowning - - -	13·5	14	-	-	8	3	1	2	-
6. Suffocation - -	7·0	10	9	1	-	-	-	-	-
7. Otherwise - - -	6·1	8	1	2	2	1	1	1	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	3·0	3	2	1	-	-	-	-	-
ORDER 4. SUICIDE.)									
1 Wounds { Gunshot -	·1	-	-	-	-	-	-	-	-
1 Wounds { Cut, Stab -	·9	-	-	-	-	-	-	-	-
2. Poison - - -	·5	2	-	-	-	-	2	-	-
3. Drowning - - -	1·3	-	-	-	-	-	-	-	-
4. Hanging - - -	1·3	-	-	-	-	-	-	-	-
5. Otherwise - - -	·8	1	-	-	-	-	1	-	-
ORDER 5. (EXECUTION.)									
1. Hanging - - -	—	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - -	·7	1	-	-	-	-	-	1	-
Causes not specified or ill-defined - - -	7·5	1	1	-	-	-	-	-	-

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
LONDON - - -	3,254,260	2414	1792	758	241	11	21	27	7	101	1	16	4	434	50	86	261
WEST DISTRICTS - - - -	561,359	376	291	124	34	-	7	4	2	19	-	1	1	70	8	18	33
NORTH DISTRICTS - - - -	751,729	572	406	164	61	-	5	9	2	21	-	6	1	92	8	15	54
CENTRAL DISTRICTS - - -	334,369	160	153	61	20	-	-	-	-	9	1	2	-	35	8	15	36
EAST DISTRICTS - - - -	639,111	482	354	150	47	-	1	4	-	22	-	1	1	81	12	21	55
SOUTH DISTRICTS - - - -	967,692	824	588	259	79	11	8	10	3	30	-	6	1	156	14	17	83
WEST DISTRICTS.																	
St. Mary Paddington *WH* G.J. & W.M.	58728	36	31	12	5	-	2	1	-	1	-	-	-	5	-	1	4
St. John Paddington *H* - - G.J.	38085	13	9	1	2	-	-	-	-	-	-	-	-	-	-	-	6
Kensington Town *W* - - - W.M.	91645	79	54	35	3	-	1	-	1	2	-	1	-	21	1	3	2
Brompton *H* - - - W.M. & C.	28654	13	13	3	2	-	-	1	-	1	-	-	-	1	1	3	1
St. Peter Hammersmith - - W.M.	6662	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith *H* W.M. & G.J.	36029	50	35	14	5	-	1	1	1	3	-	-	1	12	1	3	-
Fulham *WwH* - - - W.M. & C.	23350	37	25	9	3	-	1	-	-	4	-	-	-	5	1	3	-
Chelsea South *HHH* - - - C.	26420	15	12	4	2	-	-	-	-	-	-	-	-	6	-	-	-
Chelsea North-west *WHHHH* - C.	22926	18	13	6	-	-	-	-	-	-	-	-	-	2	-	1	5
Chelsea North-east - - - C.	21392	11	10	5	-	-	1	-	-	1	-	-	-	6	-	1	-
Hanover Square *H* - - - G.J.	18698	2	13	4	2	-	1	-	-	-	-	-	-	1	-	-	-
May Fair *WW* - - - - G.J.	13358	6	9	1	1	-	-	-	-	-	-	-	-	-	-	-	8
Belgrave *HH* - - - - C.	57972	29	25	10	7	-	-	-	-	3	-	-	-	4	2	2	4
St. John Westminster *HH* - - C.	38478	29	10	4	-	-	-	-	-	2	-	-	-	1	-	-	-
St. Margaret Westminster *WH* - C.	27781	11	12	6	-	-	-	1	-	-	-	-	-	2	2	1	-
Golden Square *WH* - - - G.J.	12860	5	7	2	2	-	-	-	-	-	-	-	-	1	-	-	3
Berwick-street *H* - N.R. & G.J.	20759	6	7	4	-	-	-	-	-	1	-		-	1	-	-	-
St. Anne Soho *HHHHH* - - N.R.	17562	11	5	3	-	-	-	-	-	1	-	-	-	2	-	-	-
NORTH DISTRICTS.																	
All Souls Marylebone *HHHH* - W.M.	28579	10	13	3	3	-	1	-	-	1	-	-	-	-	-	-	3
Cavendish Square *HH* - - - W.M.	15425	11	3	1	-	-	-	-	-	-	-	-	-	1	-	-	-
Rectory Marylebone *WH* G.J. & W.M.	26384	23	15	4	-	-	-	-	-	-	-	-	-	2	-	-	8
St. Mary Maryleb. *HHH* G.J. & W.M.	21786	23	5	2	1	-	-	-	-	-	-	-	-	1	-	-	-
Christchurch Marylebone *H* - W.M.	33944	15	13	3	3	-	-	-	-	1	-	-	-	2	-	-	1
St. John Marylebone *H* - - W.M.	33136	18	16	7	4	-	-	-	-	1	-	-	-	3	-	3	-
Hampstead *WwHH* - N.R. & W.M.	32281	14	10	3	4	-	-	-	-	-	-	-	-	1	-	1	1
Regent's Park Pancras - - - W.M.	38200	24	17	9	1	-	1	1	-	-	-	-	-	4	-	-	-
Tottenham-court *wHHH* N.R.&W.M.	29370	19	19	3	3	-	1	-	1	-	-	-	-	-	1	2	9
Gray's Inn Lane *HHH* - - N.R.	29221	20	15	8	1	-	-	-	1	-	-	-	-	8	-	-	1
Somers Town - - - - N.R.	38533	24	15	2	2	-	-	1	-	-	-	1	-	2	-	-	-
Camden Town *WH* - - - N.R.	17943	27	15	7	3	-	-	-	-	1	-	-	-	4	1	3	9
Kentish Town *w* - - - - N.R.	68198	59	39	22	3	-	-	2	-	6	-	1	-	15	-	-	2
Islington West *HHH* - - - N.R.	97820	69	58	28	4	-	1	2	-	4	-	2	-	16	1	2	5
Islington East *WwwH* - - - N.R.	115958	105	59	27	11	-	-	-	-	3	-	1	1	12	1	1	3
Stoke Newington *H* - - - N.R.	9841	24	13	5	2	-	1	-	-	-	-	-	-	4	-	-	-
Stamford Hill - - - - E.L.	6598	3	2	1	-	-	-	-	-	-	-	-	-	1	-	-	-
West Hackney - - - - N.R.	28069	28	18	7	2	-	-	1	-	2	-	-	-	3	-	-	-
Hackney *WwwHL* - - E.L.&N.R.	50104	33	40	14	9	-	-	2	-	1	-	1	-	8	2	2	12
South Hackney - - - - E.L.	30339	23	21	8	5	-	-	-	-	1	-	-	-	5	2	1	-
CENTRAL DISTRICTS.																	
St. George Bloomsbury - - N.R.	17853	6	5	4	-	-	-	-	-	1	-	-	-	3	-	-	-
St. Giles South *WH* - - - N.R.	19109	25	11	4	3	-	-	-	-	1	-	-	-	2	-	-	3
St. Giles North - - - - N.R.	16594	4	5	3	-	-	-	-	-	1	-	-	-	2	-	1	-
Long Acre - - - - - N.R.	11379	4	4	3	1	-	-	-	-	-	-	-	-	2	-	-	-
Charing Cross *HH* - - N.R.&C.	9859	1	6	-	1	-	-	-	-	-	-	-	-	-	2	2	5
St. Mary-le-Strand - - - N.R.	9378	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes *H* - - - N.R.	10723	4	8	1	-	-	-	-	-	-	-	1	-	-	1	1	4
St. George-the-Martyr *HHHHH* N.R.	20521	12	11	6	1	-	-	-	-	1	-	-	-	4	-	-	1
St. Andrew Eastern *W* - - N.R.	13529	4	19	2	4	-	-	-	-	1	-	-	-	1	-	1	13
Saffron Hill *H* - - - - N.R.	9066	1	2	1	1	-	-	-	-	-	-	-	-	1	-	-	-
St. James Clerkenwell *W* - - N.R.	18917	12	8	2	1	-	-	-	-	-	-	-	-	2	1	1	-
Amwell Clerkenwell - - - N.R.	16884	10	7	3	2	-	-	-	-	-	-	-	-	3	-	2	-
Pentonville - - - - - N.R.	13337	9	7	4	-	-	-	-	-	-	-	-	-	3	-	-	-
Goswell-street - - - - N.R.	16242	10	7	4	1	-	-	-	-	-	-	-	-	2	1	1	-
Old-street *H* - - - - N.R.	12161	6	2	2	-	-	-	-	-	-	-	-	-	1	-	-	-
City-road *HHL* - - - - N.R.	18301	16	10	4	2	-	-	-	-	1	-	-	-	1	-	2	2
Whitecross-street - - - - N.R.	13792	7	5	4	-	-	-	-	-	-	-	-	-	2	-	-	-
Finsbury - - - - - N.R.	10741	6	7	5	1	-	-	-	-	1	-	-	-	2	-	-	-
St. Botolph *H* - - - N.R.&E.L.	14540	5	8	6	-	-	-	-	-	1	-	-	-	3	-	-	-
Cripplegate - - - - - N.R.	13638	3	2	-	-	-	-	-	-	1	1	-	-	-	-	-	-
St. Sepulchre *H* - - - - N.R.	7562	2	9	-	1	-	-	-	-	-	-	1	-	-	2	2	8
St. Bride *W* - - - - - N.R.	11185	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard - - - - N.R.	4426	3	3	-	1	-	-	-	-	-	-	-	-	1	-	-	-
Christchurch - - - - N.R.	6270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe - - - - - N.R.	4753	1	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-
Allhallows Barking - - - N.R.	5764	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street *H* - - - - N.R.	7845	4	3	2	-	-	-	-	-	-	-	-	-	-	-	1	-

NOTE.—The letters placed against the names of the sub-districts denote Public Institutions are situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at the foot of next page.

'EVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
Saturday, 27th July 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
Holywell Shoreditch - N R. & E.L.	12430	5	2	1	-	-	-	-	-	-	-	-	-	1	-	-	-
St. Leonard Shoreditch *HL*† - N.R.	16545	13	9	4	-	-	-	-	-	1	-	-	-	3	-	1	-
Hoxton New Town *w* - N.R.	27835	16	12	3	5	-	-	-	-	-	-	-	-	2	-	-	4
Hoxton Old Town - - N.R.	26933	23	22	15	1	-	-	-	-	-	-	-	-	7	-	2	-
Haggerston *WH* - - N.R. & E.L.	43421	28	21	7	4	-	-	-	-	1	-	-	-	4	-	1	6
Hackney-road *H* - - - - E.L.	29822	23	22	8	1	-	1	-	-	3	-	1	-	2	-	1	-
Green, Bethnal Green *WHL*† - E.L.	42433	31	36	11	7	-	-	-	-	1	-	-	-	8	2	3	13
Church, Bethnal Green - - - E.L.	26577	23	15	6	1	-	-	1	-	1	-	-	-	5	-	-	-
Town, Bethnal Green - - - E.L.	21272	17	5	3	1	-	-	1	-	-	-	-	-	1	-	-	-
Spitalfields *H* - - E.L. & N.R.	22499	20	14	6	2	-	-	-	-	-	-	-	-	6	-	-	-
Mile End New Town *W* - E.L.	15550	11	13	3	5	-	-	-	-	3	-	-	-	-	2	3	7
Whitechapel North - E.L. & N.R.	11597	10	3	-	1	-	-	1	-	-	-	-	-	-	-	-	-
Whitechapel Church *H* - - E.L.	7322	4	12	3	-	-	-	-	-	1	-	-	-	1	1	1	10
Goodman's Fields - - - - E.L.	10381	6	1	1	-	-	-	-	-	1	-	-	-	-	-	-	-
Aldgate - - - - N R. & E.L.	9224	3	3	-	-	-	-	-	-	-	-	-	-	-	1	1	-
St. Mary St. George East - - E.L.	17900	15	8	3	-	-		-	-	2	-	-	-	2	1	1	-
St. Paul St. George East - - E.L.	21350	8	9	5	1	-	-	-	-	-	-	-	-	2	-	-	-
St. John St. George East *W* - E.L.	8802	7	5	3	1	-	-	-	-	-	-	-	-	3	-	-	1
Shadwell *H* - - - E.L. & N.R.	11640	5	4	2	1	-	-	-	-	-	-	-	-	1	-	-	-
Ratcliff - - - - - - E.L.	16131	8	6	4	-	-	-	-	-	2	-	-	-	1	1	1	-
Limehouse - - - - - E.L.	29919	23	12	6	3	-	-	-	-	2	-	-	-	1	1	1	-
Mile End Old Town West - - E.L.	38128	26	12	6	1	-	-	1	-	-	-	-	-	6	-	-	-
Mile End Old Town East *WwwH* - E.L.	55024	53	33	10	3	-	-	-	-	2	-	-	-	4	1	2	7
Bow *wwwH* - - - - - E.L.	67765	62	53	29	5	-	-	-	-	2	-	-	1	14	-	1	7
Poplar *WW* - - - - - E.L.	48611	42	22	11	4	-	-	-	-	-	-	-	-	7	2	2	-
SOUTH DISTRICTS.																	
Christchurch Southwark *WH* - L. & S.	14573	11	4	1	1	-	-	1	-	-	-	-	-	1	-	-	-
St. Saviour Southwark *H* - - S.	15677	10	7	2	1	-	-	1	-	2	-	-	-	3	-	-	-
Kent-road - - - -S. & L.	20421	11	15	4	1	-	1	1	-	-	-	-	-	8	-	1	-
Borough-road *WH* - - -S. & L	16695	10	15	5	-	-	-	1	-	2	-	-	-	1	-	-	6
London-road *HL* - - -L. & S.	18961	17	11	5	-	-	1	-	-	1	-	-	-	6	-	-	1
Trinity Newington - - - S. & L.	23682	23	10	5	1	-	1	-	-	-	-	-	-	4	-	-	-
St. Peter Walworth *W* - - S. & L.	48248	43	30	13	4	1	-	-	-	3	-	-	-	9	-	-	7
St. Mary Newington - - - L. & S.	16792	8	5	4	-	-	-	-	-	-	-	-	-	3	-	-	-
St. Olave Southwark *H* - - S.	4373	3	17	2	2	-	2	-	-	-	-	-	-	-	2	2	15
St. John Horsleydown *W* - - S,	10500	9	4	1	2	-	-	-	-	-	-	-	-	1	-	-	1
Leather Market - - - S. & L.	16787	6	7	3	1	-	-	-	-	-	-	-	-	1	-	-	-
St. Mary Magdalen *W* - - S.	15709	13	10	2	3	-	-	-	-	-	-	-	-	1	-	-	4
St. James Bermondsey - - S.	47933	50	32	19	-	-	-	1	-	-	-	-	-	15	-	-	-
Rotherhithe *W* - - - -S. & K.	27096	25	22	10	3	-	-	-	-	-	-	-	-	6	-	-	1
Waterloo-road 1st *H* - - L. & S.	14074	15	7	1	2	-	-	-	-	-	-	1	1	1	-	-	1
Waterloo-road 2nd *H* - - - L. & S.	18465	8	10	4	-	-	-	-	-	1	-	-	-	2	-	1	-
Lambeth Church 1st *H* - - L. & S.	19492	11	16	4	3	-	-	-	-	-	-	2	-	3	2	2	9
Lambeth Church 2nd *WW* - - L. & S.	35833	36	30	15	5	-	-	-	-	-	-	-	-	9	-	2	9
Kennington 1st - - - - - S. & L.	41286	31	21	13	4	-	-	-	-	3	-	-	-	7	-	-	-
Kennington 2nd - - - - - S. & L.	31221	22	16	3	4	-	-	-	-	2	-	1	-	1	-	-	-
Brixton *w* - - - - - - L. & S.	35435	44	29	12	5	-	-	2	-	2	-	1	-	7	-	-	2
Norwood *W* - - - - - L.	12536	14	4	2	-	-	1	-	-	-	-	-	-	-	-	-	-
Clapham *H* - - - - - - S.	27347	25	12	2	3	-	2	-	1	1	-	-	-	2	-	-	-
Battersea *Ww* - - - - - S.	54016	75	46	29	3	2	-	-	1	3	-	-	-	20	2	2	2
Wandsworth *HL* - - - - S.	19783	18	10	2	3	-	-	-	-	-	-	-	-	3	-	1	5
Putney - - - - - - - S.	9439	7	2	2	-	-	-	-	-	-	-	-	-	1	-	-	-
Streatham - - - - - - L.	14475	16	10	7	2	-	-	-	-	1	-	-	-	4	-	-	-
Dulwich - - - - - L. & S.	4041	-	2	2	-	-	-	-	-	-	-	-	-	2	-	-	-
Camberwell *WL*†*L*† - S. & L.	31254	25	16	3	2	-	-	-	-	-	-	-	-	1	1	-	2
Peckham *W* - - - - S. L. & K.	42160	52	37	18	10	1	-	-	-	2	-	-	-	8	2	1	-
St. George Camberwell - - - L. & S.	33851	31	31	21	-	-	-	2	1	5	-	-	-	7	2	2	-
St. Paul Deptford *w* - - - K.	53714	41	38	21	5	7	-	-	-	-	-	1	-	10	1	2	6
St. Nicholas Deptford - - K.	6474	5	4	4	-	-	-	-	-	-	-	-	-	2	-	-	-
Greenwich West - - - - K.	21034	14	5	3	-	-	-	-	-	1	-	-	-	2	1	1	-
Greenwich East *WH* - - - K.	19378	12	13	6	3	-	-	-	-	1	-	-	-	1	1	-	6
Eltham *H* - - - - - - K.	4539	4	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Lee - - - - - - - K.	16440	9	6	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Lewisham Village *WH* - - K.	11513	6	4	2	1	-	-	-	-	-	-	-	-	1	-	-	-
Sydenham *H* - - - - - L.	19065	17	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Charlton *H* - - - - - - K.	9564	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Woolwich Dockyard - - - K.	17226	12	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Woolwich Arsenal *WHH* - - K.	18331	6	9	2	1	-	-	-	-	-	-	-	-	1	-	-	-
Plumstead, West - - - - K.	13027	8	1	1	-	-	-	1	-	-	-	-	-	-	-	-	-
Plumstead, East *W* - - - K.	15232	13	10	2	1	-	-	-	-	-	-	-	-	1	-	-	5

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the ove Table by *w*:—

Central London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary " " "
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.
London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 27th July 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
	LONDON—OUTER RING	368,414	631,381	519	353	127	75	-	3	3	5	14	5	63	17	22	25
29 : 1	Carshalton *wL* - - -	12228	13523	17	13	2	3	-	-	-	-	-	-	-	-	-	6
2	Epsom (*part of*) * *WH* -	9971	9145	8	3	1	1	-	-	-	-	-	-	-	-	-	-
36 : 1	Godstone (*part of*) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	41	49	20	10	-	1	-	3	3	-	10	2	3	4
2	Mitcham *WH* - - -	11697	12534	10	9	3	2	-	-	-	-	-	1	-	-	1	-
38 : 1	Wimbledon *HH* - -	3220	9087	8	4	2	1	-	-	-	-	-	-	1	-	-	-
2	Kingston *WH* - - -	8549	27489	21	17	3	4	-	-	-	1	-	-	-	1	1	5
3	Esher (*part of*) * - -	6601	7353	3	4	-	3	-	-	-	-	-	-	-	-	-	-
4	Hampton - - - -	4573	10185	11	2	1	-	-	-	-	-	-	-	1	-	-	-
39 : 1	Richmond *WH* - - -	2271	16829	11	4	-	1	-	-	-	-	-	1	-	-	-	-
2	Mortlake - - - -	2961	9316	5	2	1	1	-	-	-	-	-	-	1	-	-	-
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	11	8	2	2	-	-	-	-	1	-	-	2	2	1
2	Chislehurst (*part of*)* *W* -	13665	10028	10	4	1	1	-	-	-	-	-	-	2	-	-	-
41 : 1	Bexley *H* - - - -	13439	19566	17	16	4	2	-	-	-	-	1	-	-	5	5	-
123 : 1	Sunbury *W* - - -	11055	9860	6	1	-	-	-	-	-	-	-	-	-	-	-	-
2	Staines *W* - - - -	13277	10339	9	2	1	1	-	-	-	-	-	-	-	-	-	-
124 : 1	Hillingdon *WH* - - -	6029	9712	5	4	-	1	-	-	-	-	-	1	-	2	2	-
2	Uxbridge - - - -	6178	5329	3	2	2	-	-	-	-	-	-	-	-	-	-	-
3	Hayes *WL* - - - -	14587	10497	7	4	-	1	-	-	-	-	-	-	-	-	-	3
125 : 1	Isleworth *W* - - -	7008	19930	13	7	3	2	-	-	-	-	-	-	1	-	-	1
2	Twickenham - - -	2477	10533	2	7	1	3	-	-	-	-	-	-	1	-	1	-
3	Brentford *HL* - - -	4370	20279	18	12	6	3	-	-	-	-	-	-	3	-	-	-
4	Chiswick - - - -	1311	8508	7	8	3	2	-	-	-	-	-	-	4	1	1	-
5	Acton *WH* - - - -	6087	12683	16	13	6	3	-	-	-	-	2	-	3	-	-	-
126 : 1	Harrow *H* - - - -	13809	10869	12	3	-	1	-	-	-	-	-	1	-	-	-	-
2	Edgware *H* - - -	6994	3450	3	2	-	-	-	-	-	-	-	-	-	-	1	-
3	Willesden - - - -	4383	15869	14	9	3	1	-	-	-	-	1	-	2	-	-	-
4	Hendon *WH* - - -	8382	6972	9	2	1	-	-	-	-	-	-	-	1	-	-	-
127 : 1	South Mimms - - -	15419	5924	2	1	-	-	-	-	-	-	-	-	-	-	-	-
2	Barnet *W* - - - -	5423	7752	8	3	1	-	-	-	-	-	-	-	-	-	-	-
3	Finchley *L* - - - -	4688	11493	4	-	-	-	-	-	-	-	-	-	-	-	-	-
128 : 1	Hornsey *H* - - - -	3039	19357	11	9	4	3	-	-	-	-	-	-	2	-	-	-
2	Tottenham *H* - - -	4642	22869	29	8	2	3	-	-	-	-	1	-	1	1	1	2
3	Edmonton *WW* - - -	7483	13860	10	12	3	6	-	1	-	-	-	-	2	1	1	3
4	Enfield *WH* - - -	12653	16054	13	5	2	-	-	-	-	1	-	-	-	-	-	-
5	Waltham Abbey - - -	11017	5197	4	2	2	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	4	1	-	1	-	-	-	-	-	-	-	-	-	-
134 : 1	Hatfield (*part of*) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	4	2	-	-	-	-	-	-	-	-	-	-	-	-
185 : 1	Stratford - - - -	882	23286	30	22	11	2	-	-	-	-	-	-	4	1	2	-
2	West Ham *WWWW* - -	7345	44642	63	51	27	4	-	-	-	-	3	-	17	-	-	-
3	Leyton *WW* - - -	4274	15513	8	7	2	4	-	1	-	-	1	-	1	-	-	-
4	Walthamstow *H* - -	6619	15701	19	3	1	-	-	-	-	-	-	1	1	-	-	-
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	2	4	1	1	-	-	1	-	-	-	-	-	-	-
188 : 1	Romford (*part of*) * - -	6730	2879	4	1	1	-	-	-	-	-	-	-	-	-	-	-
2	Ilford - - - - -	8492	5947	2	4	1	-	-	-	2	-	1	-	1	-	-	-
3	Barking Town - - -	4128	6576	5	7	3	2	-	-	-	-	-	-	2	1	1	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:—29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903); 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoydon-Bois (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 27th July, 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	
REATER LONDON	446,494	4,450,015	25·2	8·4	2145	885	316	11	24	30	12	115	26	497	67	286
INNER LONDON -	78,080	3,577,304	26·1	9·1	1792	758	241	11	21	27	7	101	21	434	50	261
OUTER RING -	368,414	872,711	21·1	5·6	353	127	75	–	3	3	5	14	5	63	17	25

NOTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal 697·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than miles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,758,933 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	June	15	–	274	33·2	Small-pox 37; fevers 73; cholera 10.
BOMBAY - -	644,405	„	25	–	411	33·2	Small-pox 10; cholera 25.
MADRAS - -	397,552	„	7	283	301	39·3	Small-pox 6; fevers 80.
PARIS - -	1,988,806	July	25	–	984	25·7	Typhoid fever 19; diphtheria 18.
GENEVA - -	68,792	„	20	37	21	15·9	—
BRUSSELS - -	175,782	„	13	92	105	31·2	Typhoid fever 1.
AMSTERDAM -	302,266	„	13	204	141	24·3	Typhus and typhoid fever 4; measles 5.
ROTTERDAM -	142,585	„	13	109	60	21·8	—
THE HAGUE -	107,896	„	13	71	52	25·0	—
COPENHAGEN -	220,000	„	16	163	90	21·3	Typhoid fever 1.
STOCKHOLM -	152,825	„	13	–	54	19·1	—
CHRISTIANIA -	105,000	„	20	84	37	18·0	—
ST. PETERSBURGH	669,741*	„	13	–	613	47·6	Small-pox 16; typhus & typhoid fever 58.
BERLIN - -	1,019,620	„	6	793	1116	56·4	Diarrhœal diseases 542; scarlet fever 16.
HAMBURG (State)	406,104	„	13	298	194	24·9	Whooping-cough 6.
DRESDEN - -	207,845	„	13	150	92	22·7	Diphtheria and croup 4.
BRESLAU - -	267,000	„	20	200	163	31·8	Fevers 6; diarrhœal diseases 31.
MUNICH - -	222,000	„	20	193	132	31·0	Diphtheria and croup 3; whooping-cough 4.
VIENNA - -	727,271	„	20	546	377	26·9	Small-pox 16; diphtheria 12.
BUDA-PESTH -	319,530	„	13	250	244	39·7	Small-pox 2; scarlet fever 8.
ROME - -	282,214	June	8	127	173	32·0	Diphtheria and croup 5; typhus & typhd. fev. 6.
		„	15	122	175	32·4	Diphtheria and croup 5; typhus & typhd. fev. 4.
NAPLES - -	457,407	July	1	–	–	–	—
TURIN - -	227,843	„	13	147	137	31·4	Small-pox 4; typhus and typhoid fever 6.
VENICE - -	139,796	„	20	68	73	27·2	Typhoid fever 2.
ALEXANDRIA -	212,034	„	11	127	211	51·9	Diphtheria 2; whooping-cough 8.
NEW YORK -	1,084,528	June	29	–	554	26·6	Scarlet fever 27; diphtheria 16.
BROOKLYN -	549,438	„	22	–	221	20·9	Scarlet fev. 6; diphth. 7; whooping-cough 8.
PHILADELPHIA -	876,118	July	6	–	411	24·5	Scarlet fev. 12; diph. 10; typhoid fever 12.
BALTIMORE -	355,000	June	29	–	126	18·5	Infantile cholera 25; typhoid fever 5.

* The rate of mortality in St. Petersburgh is calculated on the population enumerated at the last Census in 1869, and is thus probably overstated, as the population of the city is said to have increased in a remarkable manner since that date.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 27th JULY, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Difference. Between Dew Point Temperature and Air Temperature. Greatest.	Difference. Between Dew Point Temperature and Air Temperature. Least.	Difference. Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. Osler's. General Direction. P.M.	Wind. Osler's. Pressure on square foot. Greatest.	Wind. Osler's. Pressure on square foot. Least.	Wind. Osler's. Pressure on square foot. Mean of 24 Obs.	Wind. Robinson's. Amount of Horizontal Movement of Air each day.	Wind. Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
JULY.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN.	21	..	29·849	79·6	58·9	20·7	69·3	57·8	142·0	51·9	70·5	67·1	11·5	21·8	0·0	+ 7·0	67	NE. & ENE.	E. ENE. & NE.	5·0	0·0	0·2	252	+ 12	0·00	3·7
MON.	22	Last Qr.	29·832	81·4	58·2	23·2	68·2	61·7	145·0	52·2	71·3	68·3	6·5	17·2	0·0	+ 5·9	80	NE. & ENE.	E. & ESE.	2·9	0·0	0·1	240	— 3	0·03	3·0
TUES.	23	..	29·778	76·0	60·2	15·8	64·9	62·0	122·0	60·2	71·3	67·8	2·9	13·9	0·6	+ 2·7	90	E. & ENE.	NE. & SE.	0·3	0·0	0·0	158	— 92	0·00	7·8
WED.	24	..	29·535	74·1	59·9	14·2	64·6	62·1	125·0	55·6	70·5	68·3	2·5	9·3	0·0	+ 2·4	92	SW. & SE.	SW.	1·1	0·0	0·0	180	— 70	0·04	11·8
THURS.	25	..	29·554	70·0	58·0	12·0	61·1	56·7	107·1	54·0	71·1	68·3	4·4	11·2	2·1	— 1·1	86	SW. & WSW.	W.	2·0	0·0	0·1	299	+ 57	0·07	2·5
FRI.	26	Greatest Dec. N.	29·620	75·8	54·2	21·6	64·0	55·2	134·9	49·3	70·8	68·8	8·8	22·9	2·6	+ 1·8	73	WSW.	W. & WSW.	0·8	0·0	0·0	229	— 2	0·07	0·0
SAT.	27	..	29·734	75·4	57·2	18·2	64·2	56·5	127·7	54·7	70·3	67·8	7·7	18·0	1·1	+ 2·0	76	Variable	NW. NNE. & ENE.	2·5	0·0	0·0	172	— 52	0·00	2·0
MEANS		..	29·700	76·0	58·1	18·0	65·2	58·9	129·1	54·0	70·8	68·1	6·3	16·3	0·9	+ 3·0	81	NE. & SW.		..	..	..	Sum 1530	Sum —150	Sum 0·21	4·4
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. JULY.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY	21	Positive shown throughout.	11·9	15·9	A very fine day. Light clouds prevailed.
MONDAY	22	Positive throughout the morning; negative in afternoon; positive at night.	5·5	15·8	Cloudy. Distant thunder heard frequently between noon and 1h. 15m. P.M. Shower of rain in afternoon.
TUESDAY	23	Generally weak positive	3·1	15·8	Cloudy. Lightning and thunder at night.
WEDNESDAY	24	Generally weak positive; stronger at night.	3·4	15·7	Generally cloudy. Showery. Distant thunder heard occasionally about noon; and there was lightning with distant thunder in evening.
THURSDAY	25	Very weak indications throughout; positive generally; negative occasionally.	0·5	15·7	Overcast with slight exceptions. Showery. Distant thunder heard in afternoon.
FRIDAY	26	Weak positive in morning and afternoon; negative at night.	6·2	15·7	Fine in morning; cloudy afterwards. Showers of rain, with lightning and thunder, at night.
SATURDAY	27	Weak indications, both positive and negative.	7·0	15·6	Fine; partially cloudy.
..		..	Sum 37·6	Sum 110·2	
No. of Col.		28	29	30	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and — "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Sir E. Y. W. Henderson, R.E., K.C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29·91 in. at the beginning of the week to 29·50 in. by 9h. P.M. on the 24th: and increased to 29·78 in. by the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
August 6th, 1878.

United Kingdom.

During last week 6149 *births* and 4528 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality from all causes was at the average rate of 28 deaths annually in every 1000 persons living. The annual death-rate was 15 per 1000 in Edinburgh, 26 in Glasgow, and 27 in Dublin; small-pox caused 12 deaths in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Bristol 17, Oldham 20, Norwich 22, Portsmouth 22, Plymouth 23, Brighton 24, Wolverhampton 25, Bradford 25, Nottingham 27, Birmingham 27, London 27, Manchester 31, Sheffield 32, Salford 33, Newcastle-upon-Tyne 34, Sunderland 35, Leicester 37, Liverpool 37, Hull 38, and the highest rate during the week 39 in Leeds. The annual death-rate from the seven principal zymotic diseases averaged 10·8 per 1000 in the twenty towns, of which 8·3 was due to diarrhœa. Scarlet fever was fatally prevalent in Sheffield and Birmingham. Small-pox caused 18 deaths in London.

The fatal cases of diarrhœa in the twenty towns, which had increased from 56 to 991 in the six preceding weeks, further rose to 1159 last week. During the past six weeks the annual death-rate from diarrhœa has averaged 4·3 per 1000 in the twenty towns; while it has not exceeded 1·2 and 1·5 in Oldham and Bristol, it has been equal to 9·6 in Hull, and 11·3 in Leicester.

London.

In London 2637 births and 1877 deaths were registered. Allowing for increase of population, the births exceeded by 269, and the deaths by 219, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the four previous weeks had increased from 22·0 to 26·1, further rose last week to 27·4. During the past five weeks of the current quarter, the death-rate has averaged 25·0 per 1000, against 24·9 and 20·9 in the corresponding periods of 1876 and 1877.

The 1877 deaths included 18 from small-pox, 19 from measles, 26 from scarlet fever, 6 from diphtheria, 89 from whooping-cough, 21 from different forms of fever, and 470 from diarrhœa; thus to the seven principal diseases of the zymotic class 649 deaths were referred, against numbers increasing steadily from 215 to 622 in the six preceding weeks. These 649 deaths were 123 above the corrected average number from the same diseases in the corresponding week of the last ten years. The fatal cases of whooping-cough, which had been 106 and 101 in the two previous weeks, further declined last week to 89, which, however, exceeded the corrected weekly average by 50; they were excessive in South London, especially in Battersea. The deaths both from measles and scarlet fever continue below the average; measles caused, however, 3 deaths in Islington and 4 in Bermondsey; and scarlet fever 6 in Islington, of which 2 occurred in the same family. Of the 6 deaths from diphtheria, 4 occurred in South London. The 21 deaths referred to fever, were 9 below the corrected average; 17 fatal cases were certified as enteric or typhoid, and 4 as simple continued fever. Two deceased enteric fever patients had resided in Clerkenwell, and 3 in Lambeth.

The mean temperature during July at the Royal Observatory, Greenwich, averaged 63°·1, and was 1°·5 above the average July temperature in 100 years; the mean showed an excess on 16 days of the month. Rain was measured at Greenwich on but nine days during July, to the aggregate amount of rather less than the third of an inch; the average July rainfall in 61 years is 2·6 inches. In the first seven months of this year, the measured rainfall at Greenwich was, however, 16·6 inches, and exceeded the average amount by 3·2 inches.

The deaths referred to diarrhœa and to simple cholera, which in the six preceding weeks had increased from 23 to 457, further rose last week to 494, of which 368 were of infants under one year of age, and 90 of children aged between one and five years. Diarrhœa was especially fatal last week in Kentish Town, Islington, Bow, Bermondsey, and Battersea. To choleraic diarrhœa and simple cholera, 24 deaths were referred, against 23 in the previous week, including 15 of young children and 9 of adults. During the past six weeks, the annual death-rate from diarrhœa in London has averaged 4·2 per 1000, against 4·4 in the nineteen provincial towns.

The deaths from small-pox, which had been 19 and 11 in the two preceding weeks, rose again last week to 18, of which 13 were recorded in the Metropolitan Asylum Hospitals, one in the Highgate Small-pox Hospital, and 4 in private dwelling-houses. Eight of the deceased small-pox patients had resided in Southwark, and 4 in Camberwell. Nine of the fatal cases (including 8 of children under five years of age) were certified as unvaccinated, and 4 of adults as vaccinated; in the 5 other cases the medical certificates gave no information as to vaccination. The Metropolitan Asylum Hospitals contained 251 patients on Saturday last, against 304 and 276 at the end of the two preceding weeks; 48 new cases were admitted during the week, against 67 and 62 in the two previous weeks. The Highgate Hospital contained 14 patients on Saturday last.

The widow of a farmer died on 1st instant at 7, Roden Street, Islington, of "senile decay, hemiplegia 7 days," whose age was stated to be 103 years.

Different forms of violence caused 50 deaths; 41 were the result of negligence or accident, including 17 from fractures and contusions, 2 from burns and scalds, 6 from drowning, and 7 of infants under one year of age from suffocation. The 17 deaths from fractures and contusions were thus caused:—males aged 2 and 19 years, and female 1, run over by carts; male 42, fell from cart; males 56 and 30, run over by cabs; male 7, run over by omnibus; male 17, run over on South-Eastern Railway; male 28, crushed on Great Western Railway; male 26, crushed on Great Northern Railway; male 4, fell from ladder; male 24, fell down stairs; male 53, fell 90 feet down shaft cutting; female 7 months, fell from bed; male 3 months, by blow on head (not stated how); male 22, by abscess in brain from blow or fall (not stated how); and male 10 months, by fracture of thigh (not stated how). An inquest was held in each of these cases except the last, which was certified by a registered medical practitioner.

Greater London.

In the Greater London 3208 births and 2262 deaths were registered, equal to annual rates of 37·6 and 26·5 per 1000 of the population. In the Outer Ring the fatal cases of diarrhœa, which had increased from 4 to 63 in the five previous weeks, further rose last week to 116, of which 21 occurred in West Ham, 18 in Croydon, and 12 in Acton sub-districts. Diarrhœa fatality was as great last week in the Outer Ring as in Inner London.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 29, Bombay 38, Madras 41; Paris 25; Geneva 21; Brussels 29; Amsterdam 22, Rotterdam 32, The Hague 24; Copenhagen 21; Stockholm 27; Christiania 16; St. Petersburgh 46; Hamburg 28, Dresden 25, Breslau 30, Munich 34; Vienna 28, Buda-Pesth 37; Rome 33, Turin 28, Venice 29; Alexandria 59; New York 32, Brooklyn 22, Philadelphia 25, and Baltimore 26.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·89 in.; the highest reading was 30·20 in. on Wednesday evening, and the lowest 29·53 in. on Saturday afternoon. The mean temperature of the *air* was 60°·5, and 1°·8 below the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was below the average on each day of the week; the coldest day was Monday, when the mean was 57°·9, and showed a deficiency of 4°·4. The lowest night temperature was 47°·6 on Tuesday, and the highest day temperature in the shade 74°·8 on Friday; the extreme range in the week was, therefore, 27°·2. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 138°·0 on Thursday. The difference between the mean *dew-point* and *air* temperature averaged 7°·3. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police ship, was 68°·6. The mean degree of *humidity* of the air was 77, complete saturation being represented by 100; the air was, therefore, of its average dryness. The general direction of the *wind* was North-east, and the horizontal movement of the air averaged 10·8 miles per hour, which was 0·8 above the average in the corresponding week of 16 years. *Rain* fell on three days of the week, to the aggregate amount of 0·25 of an inch. The duration of registered bright sunshine in the week was 30·7 hours, the sun being above the horizon during 107·8 hours; the recorded duration of sunshine was, therefore, equal to 28 per cent. of its possible duration.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, 3rd August, 1878.

CITIES AND BOROUGHS. (Municipal Boundaries, except for LONDON and DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 3rd August, 1878. BIRTHS.	DEATHS.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL. In Inches.	In Centimetres.
In 23 TOWNS in the UNITED KINGDOM	220,307	8,373,953	38·0	6149	4528	78·0	41·6	59·3	15·17	0·34	0·86
LONDON	75,362	3,577,304	47·5	2637	1877	74·8	47·6	60·5	15·84	0·25	0·63
BRIGHTON	2,354	103,923	44·1	53	47	72·1	51·0	60·6	15·90	0·27	0·69
PORTSMOUTH	4,486	129,461	28·9	73	55	71·0	53·0	62·1	16·73	0·00	0·00
NORWICH	7,472	84,620	11·3	51	35	73·2	54·0	59·8	15·45	0·43	1·09
PLYMOUTH	1,395	73,599	52·8	50	32	73·5	54·0	61·2	16·22	0·02	0·05
BRISTOL	4,452	206,419	46·4	131	69	78·0	43·1	59·6	15·34	0·21	0·53
WOLVERHAMPTON	3,396	74,240	21·9	52	35	74·1	46·6	57·6	14·23	1·22	3·11
BIRMINGHAM	8,400	383,117	45·6	345	199	–	–	–	–	–	–
LEICESTER	3,200	121,473	38·0	106	85	–	–	–	–	–	–
NOTTINGHAM	9,960	165,267	16·6	129	85	74·1	42·2	58·6	14·78	0·59	1·50
LIVERPOOL	5,210	532,681	102·2	391	376	73·9	52·3	60·3	15·73	0·17	0·43
MANCHESTER	4,293	360,514	84·0	283	212	–	–	–	–	–	–
SALFORD	5,170	170,251	32·9	143	107	76·5	45·0	59·6	15·34	0·50	1·27
OLDHAM	4,666	107,366	23·0	81	42	–	–	–	–	–	–
BRADFORD	7,220	185,088	25·6	121	88	73·4	51·1	59·0	15·00	0·14	0·36
LEEDS	21,572	304,948	14·1	254	229	74·0	48·0	59·3	15·17	0·50	1·27
SHEFFIELD	19,651	289,537	14·7	211	178	72·0	44·5	57·9	14·39	0·87	2·21
HULL	3,635	143,139	39·4	137	103	73·0	47·0	57·6	14·23	0·79	2·01
SUNDERLAND	2,768	112,459	40·6	86	76	73·0	51·0	59·7	15·39	0·08	0·20
NEWCASTLE-ON-TYNE	5,371	144,570	26·9	104	95	–	–	–	–	–	–
EDINBURGH	4,191	222,371	53·1	130	64	73·8	44·3	58·8	14·89	0·12	0·30
GLASGOW	6,033	566,940	94·0	408	278	77·0	49·0	56·4	13·55	0·00	0·00
DUBLIN	10,050	314,666	31·3	173	161	74·3	41·6	59·2	15·11	0·03	0·08

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.
† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday, 3rd August, 1878.

BOROUGHS, &c. (Municipal Boundaries, except for LONDON and DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living. From All Causes.	From Seven Zymotic Diseases.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
In 20 TOWNS	28·9	10·8	4025	1793	468	18	30	93	11	139	48	1159	111	174	427
LONDON	27·4	9·5	1877	812	251	18	19	26	6	89	21	470	50	85	254
BRIGHTON	23·6	10·5	47	25	6	–	–	–	–	1	–	20	–	2	2
PORTSMOUTH	22·2	9·7	55	26	10	–	1	1	1	3	1	17	–	2	6
NORWICH	21·6	5·5	35	14	9	–	–	–	–	4	–	5	–	1	4
PLYMOUTH	22·7	5·7	32	15	3	–	–	–	–	–	–	8	1	1	3
BRISTOL	17·4	5·1	69	26	10	–	2	–	1	1	1	15	1	2	11
WOLVERHAMPTON	24·6	4·2	35	12	3	–	–	–	–	3	–	3	2	3	6
BIRMINGHAM	27·1	11·0	199	80	24	–	1	18	1	4	2	55	7	12	20
LEICESTER	36·5	20·2	85	53	8	–	–	–	–	–	–	47	2	3	4
NOTTINGHAM	26·8	9·8	85	39	14	–	–	2	–	–	1	28	4	8	7
LIVERPOOL	36·8	15·3	376	174	27	–	1	12	–	7	6	130	17	19	35
MANCHESTER	30·7	8·1	212	82	22	–	–	2	–	5	4	45	6	13	25
SALFORD	32·8	15·0	107	55	11	–	2	3	1	4	2	37	3	3	8
OLDHAM	20·4	2·9	42	12	3	–	–	3	1	–	–	2	1	1	2
BRADFORD	24·8	8·2	88	36	5	–	1	6	–	3	–	19	5	7	9
LEEDS	39·2	19·5	229	132	13	–	2	2	–	6	1	103	1	1	10
SHEFFIELD	32·1	13·2	178	73	22	–	–	14	–	1	2	56	3	3	9
HULL	37·6	21·5	103	59	7	–	–	–	–	–	3	56	1	1	2
SUNDERLAND	35·3	11·1	76	28	8	–	1	–	–	7	1	15	3	3	4
NEWCASTLE-ON-TYNE	34·3	13·0	95	40	12	–	–	4	–	1	3	28	4	4	6
DUBLIN	26·7	8·0	161	36	31	12	–	–	2	7	7	20	4	4	35

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the THIRTY-FIRST Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2106	2130	2082	2076	2252	2299	2219	2100	2460	2408	2213·2	2637
Males . .	1078	1070	1016	1040	1166	1199	1111	1086	1255	1271	1129·2	1370
Females .	1028	1060	1066	1036	1086	1100	1108	1014	1205	1137	1084·0	1267
TOTAL **Deaths**	1665	1630	1648	1382	1695	1508	1505	1340	1679	1439	1549·1	1877
Males . .	859	824	863	723	895	779	776	701	888	740	804·8	966
Females .	806	806	785	659	800	729	729	639	791	699	744·3	911

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	May 11.	May 18.	May 25.	June 1.	June 8.	June 15.	June 22.	June 29.	July 6.	July 13.	July 20.	July 27.	Aug. 3.
TOTAL **Deaths** - - -	1383	1380	1381	1419	1481	1300	1391	1570	1511	1589	1787	1792	1877
0—20 - -	709	670	707	761	773	684	687	782	807	957	1083	1161	1194
20—40 - -	213	194	192	218	178	181	203	218	183	160	187	186	205
40—60 - -	215	258	225	212	254	190	260	260	222	225	227	204	227
60—80 - -	206	215	208	183	240	210	210	252	199	213	243	209	217
at 80 years & upwds.	40	43	49	45	36	35	31	58	40	34	47	32	34
Deaths of children: Under 1 year -	306	303	317	346	353	341	328	392	469	598	700	758	812
Deaths of children: 1—5 - -	296	261	274	295	296	250	266	284	292	279	296	302	297
Deaths of children: 5—20 - -	107	106	116	120	124	93	93	106	106	80	87	101	85
Deaths from 7 principal Zymotic Diseases	245	259	246	276	285	220	215	280	350	408	525	622	649
" " Small-pox -	48	48	43	40	42	24	19	38	19	11	19	11	18
" " Measles - -	33	28	14	15	18	20	17	24	31	16	13	21	19
" " Scarlet fever -	24	26	17	17	27	24	17	23	19	20	21	27	26
" " Diphtheria -	9	12	20	17	16	8	12	7	11	8	8	7	6
" " Whooping-cough	110	102	116	152	135	101	108	97	108	85	106	101	89
" " Typhus fever -	1	3	2	4	2	2	3	5	3	2	3	1	–
" " Enteric (or Typhoid) fever -	8	16	15	11	15	14	11	10	9	13	15	16	17
" " Simple Contd fever	5	3	3	–	5	6	5	4	5	4	1	4	4
" " Diarrhœa - -	7	21	16	20	25	21	23	72	145	249	339	434	470
" " Simple Cholera -	–	–	–	–	–	–	–	6	11	7	10	23	24
" " Dis. of Respiratory Organs -	225	199	204	206	270	200	204	236	188	180	202	151	159
" " Phthisis - -	139	171	151	208	162	169	192	187	170	149	163	169	193
" " Heart Diseases -	74	79	77	69	91	71	95	105	76	79	61	78	71
Violent Deaths - - -	66	75	59	55	59	49	48	46	60	71	46	50	50
Inquest Cases - - -	96	109	85	92	94	76	86	76	94	116	76	86	85
Deaths in Public Institutions	264	274	298	280	283	236	257	308	274	250	276	261	254
TEMPERATURE OF THE AIR:													
Mean - - - - -	56°·7	58°·0	51°·8	52°·7	57°·1	55°·7	59°·0	70°·7	60°·1	61°·9	66°·8	65°·2	60°·5
Mean of Highest readings -	66·6	67·6	62·2	62·4	68·0	64·6	71·3	82·8	70·3	71·8	78·9	76·0	71·5
Mean of Lowest readings -	48·3	50·7	44·2	45·5	48·1	49·1	48·0	57·9	51·7	54·0	54·6	58·1	52·6
Mean Temperature of the Water of the Thames -	58·7	60·9	59·7	58·3	58·5	60·6	60·3	65·1	67·9	66·1	66·5	69·5	68·6
Humidity of the Air - -	79	75	77	81	79	77	76	63	78	70	70	81	77
Rain-fall in inches - -	2·10	0·63	0·81	0·39	0·80	1·28	0·99	0·61	0·94	0·02	0·00	0·21	0·25
Registered Sunshine (in hours)	33·5	48·3	36·4	29·3	25·3	39·8	42·4	73·9	21·6	33·3	56·4	37·6	30·7

METEOROLOGICAL OBSERVATIONS. (*See* TABLE **1.**)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-FIRST Week of the Year 1878.

SES OF DEATH.	Average in the Thirty-first Weeks of the 10 years 1868–77.*	In the Week ending Saturday, August 3, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
an Temperature –	62°·3	60°·5							
CAUSES – –	1549·1	1877	812	297	85	205	227	217	34
CIFIED CAUSES	1542·1	1876	812	296	85	205	227	217	34
I. ZYMOTIC.									
ORDER 1.									
all-pox – – –	16·4	18	5	3	4	4	2	–	–
easles – – –	30·3	19	4	14	1	–	–	–	–
arlet Fever – –	48·1	26	2	18	5	–	1	–	–
phtheria – –	6·5	6	–	4	2	–	–	–	–
hinsy – – –	·5	2	–	2	–	–	–	–	–
roup – – –	7·7	3	–	3	–	–	–	–	–
hooping-cough –	36·5	89	47	41	1	–	–	–	–
phus – – –	28·5	–	–	–	–	–	–	–	–
teric or Typhoid Fev.		17	–	2	6	5	2	2	–
mple continued Fev.		4	–	–	2	1	–	1	–
ysipelas – – –	5·9	3	1	–	–	–	1	1	–
erperal Fev. (Metria)	2·2	1	–	–	–	1	–	–	–
rbuncle – – –	1·0	–	–	–	–	–	–	–	–
fluenza – – –	·1	–	–	–	–	–	–	–	–
ysentery – – –	3·0	6	1	1	1	1	1	1	–
arrhœa – – –	324·9	470	358	85	–	2	6	11	8
mple Cholera – –	22·4	24	10	5	–	2	3	4	–
gue – – – –	·4	–	–	–	–	–	–	–	–
mittent Fever –	·3	–	–	–	–	–	–	–	–
eumatism – –	8·0	12	–	–	3	3	4	2	–
her *Zymotic* Diseases	·4	–	–	–	–	–	–	–	–
ORDER 2.									
philis – – –	9·1	10	8	–	–	2	–	–	–
ricture of Urethra –	·8	1	–	–	–	–	1	–	–
ydrophobia – –	·2	–	–	–	–	–	–	–	–
anders – – –	·1	–	–	–	–	–	–	–	–
ORDER 3.									
ivation – – –	·2	–	–	–	–	–	–	–	–
ant of Breast-milk –	18·3	16	16	–	–	–	–	–	–
rpura and Scurvy –	2·4	3	2	1	–	–	–	–	–
ico- { a Del. Tremens	1·8	1	–	–	–	1	–	–	–
ism { b Intemperance	1·7	1	–	–	–	1	–	–	–
ORDER 4.									
hrush – – –	6·8	11	11	–	–	–	–	–	–
orms, &c. – –	·1	–	–	–	–	–	–	–	–
ONSTITUTIONAL.									
ORDER 1.									
out – – – –	2·8	2	–	–	–	–	1	1	–
ropsy – – –	7·2	5	1	–	–	–	1	3	–
ancer – – –	34·2	36	–	–	–	5	16	14	1
ncrum Oris (Noma)	·5	1	–	1	–	–	–	–	–
ortification – –	3·4	8	2	–	–	–	–	3	3
ORDER 2.									
rofula – – –	11·5	14	9	2	1	1	1	–	–
ibes Mesenterica –	36·1	50	36	10	4	–	–	–	–
thisis – – –	149·7	193	4	4	20	97	55	13	–
ydrocephalus – –	28·8	32	14	14	4	–	–	–	–
III. LOCAL.									
ORDER 1.									
phalitis – – –	16·8	22	8	11	1	–	2	–	–
noplexy – – –	38·7	39	1	2	–	5	15	15	1
ralysis – – –	22·1	33	–	–	–	2	6	21	4
sanity – – –	1·4	1	–	–	–	–	–	1	–
orea – – –	·2	–	–	–	–	–	–	–	–
pilepsy – – –	5·7	10	–	–	2	2	3	3	–
nvulsions – –	46·8	62	47	14	–	–	1	–	–
rain Disease, &c. –	18·7	27	2	3	5	2	7	6	2
ORDER 2.									
ericarditis – –	1·1	1	–	–	1	–	–	–	–
neurism – – –	2·4	5	–	–	–	2	2	1	–
eart Disease, &c. –	62·5	65	2	1	3	11	27	21	–
ORDER 3.									
aryngitis – – –	3·0	4	–	1	1	1	1	–	–
ronchitis – – –	64·7	82	24	15	1	4	11	24	3
leurisy – – –	3·5	3	–	–	–	–	3	–	–
neumonia – –	40·9	53	17	14	6	10	4	2	–
sthma – – –	2·8	3	–	–	–	–	2	1	–
ung Disease, &c. –	10·4	14	3	–	2	3	4	1	1

CAUSES OF DEATH	Average in the Thirty-first Weeks of the 10 years 1868–77.*	In the Week ending Saturday, August 3, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature	62°·3	60°·5							
ORDER 4.									
1. Gastritis – – –	2·6	2	–	–	–	1	–	1	–
2. Enteritis – – –	10·3	17	13	3	–	1	–	–	–
3. Peritonitis – – –	5·6	5	–	–	–	2	2	1	–
4. Ascites – –	2·8	1	–	–	–	–	1	–	–
5. Ulceration of Intestines	3·0	1	–	–	–	–	1	–	–
6. Hernia – – –	2·3	4	–	–	–	1	1	2	–
7. Ileus – – – –	4·1	7	1	1	–	1	1	3	–
8. Intussusception – –	·9	2	1	–	–	–	–	–	1
9. Stricture of Intestines	1·0	–	–	–	–	–	–	–	–
10. Fistula – – –	·7	–	–	–	–	–	–	–	–
11. *Stomach Disease, &c.* –	8·1	14	6	–	–	1	4	3	–
12. *Pancreas Disease, &c.*	·1	–	–	–	–	–	–	–	–
13. Hepatitis – – –	6·0	2	–	–	–	1	–	1	–
14. Jaundice – – –	5·3	11	8	–	–	–	–	3	–
15. *Liver Disease, &c.* –	20·2	25	–	–	2	4	11	8	–
16. *Spleen Disease, &c.* –	·4	–	–	–	–	–	–	–	–
ORDER 5.									
1. Nephritis – – –	2·3	3	–	1	–	1	1	–	–
2. Ischuria – – –	·4	1	–	–	–	1	–	–	–
3. Bright's Dis. (Nephria)	10·6	12	–	–	–	4	6	2	–
4. Diabetes – – –	2·9	2	–	–	–	–	1	1	–
5. Calculus (Stone) –	1·2	3	–	–	–	–	1	2	–
6. Cystitis – – –	·9	2	–	–	–	–	1	–	1
7. *Kidney Disease, &c.* –	6·1	10	–	1	–	1	1	7	–
ORDER 6.									
1. Ovarian Dropsy – –	·4	1	–	–	–	–	–	1	–
2. *Uterus Disease, &c.* –	4·4	3	–	–	–	2	–	1	–
ORDER 7.									
1. Synovitis (Arthritis) –	·3	1	–	–	–	1	–	–	–
2. *Joint Disease, &c.* –	5·1	–	–	–	–	–	–	–	–
ORDER 8.									
1. Phlegmon – – –	2·3	3	–	–	–	1	1	1	–
2. Ulcer – – – –	·9	1	–	–	–	–	1	–	–
3. *Skin Disease, &c.* –	·8	1	1	–	–	–	–	–	–
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth –	23·1	30	30	–	–	–	–	–	–
2. Cyanosis – – –	2·6	3	3	–	–	–	–	–	–
3. Spina Bifida – –	·8	1	1	–	–	–	–	–	–
4. Other Malformations –	1·3	3	3	–	–	–	–	–	–
5. Teething – – –	15·2	13	8	5	–	–	–	–	–
ORDER 2.									
1. Paramenia – –	·1	–	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever) – –	5·9	4	–	–	1	3	–	–	–
ORDER 3.									
1. Old Age – – –	38·3	32	–	–	–	–	–	23	9
ORDER 4.									
1. Atrophy and Debility	87·8	98	87	9	–	–	–	2	–
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	17·8	17	3	3	3	5	3	–	–
2. Wounds { Gunshot –	·6	1	–	1	–	–	–	–	–
2. Wounds { Cut, Stab		1	–	–	–	–	–	1	–
3. Burns and Scalds –	4·7	2	–	–	–	1	–	1	–
4. Poison – – –	1·2	–	–	–	–	–	–	–	–
5. Drowning – – –	10·4	6	–	–	2	1	3	–	–
6. Suffocation – –	6·5	7	7	–	–	–	–	–	–
7. Otherwise – – –	4·6	7	5	1	–	–	–	1	–
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	1·3	2	–	–	1	1	–	–	–
ORDER 4. (SUICIDE.)									
1. Wounds { Gunshot –	·3	–	–	–	–	–	–	–	–
1. Wounds { Cut, Stab –	1·3	–	–	–	–	–	–	–	–
2. Poison – – –	1·2	1	–	–	–	–	1	–	–
3. Drowning – – –	1·2	1	–	–	–	1	–	–	–
4. Hanging – – –	1·7	5	–	–	–	2	3	–	–
5. Otherwise – – –	·6	–	–	–	–	–	–	–	–
ORDER 5. (EXECUTION.)									
1. Hanging – – –	·1	–	–	–	–	–	–	–	–
Sudden Deaths (Cause unascertained) – –	·5	–	–	–	–	–	–	–	–
Causes not specified or ill-defined – – –	6·5	1	–	1	–	–	–	–	–

These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered ng 1878.

The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, slaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCA during the Week e

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,254,260	2637	1877	812	251	18	19	26	6	89	-	17	4	470	50	85
WEST DISTRICTS	561,359	415	308	121	50	-	5	3	-	12	-	4	-	79	5	12
NORTH DISTRICTS	751,729	600	400	177	49	3	3	9	1	24	-	3	-	103	12	23
CENTRAL DISTRICTS	334,369	172	160	62	27	-	-	2	-	4	-	2	-	29	6	10
EAST DISTRICTS	639,111	589	375	167	50	-	3	7	1	11	-	1	1	88	14	21
SOUTH DISTRICTS	967,692	861	634	285	75	15	8	5	4	38	-	7	3	171	13	19
WEST DISTRICTS.																
St. Mary Paddington *WH* G.J. & W.M.	58728	37	19	7	5	-	-	-	-	1	-	1	-	4	-	1
St. John Paddington *H* - - G.J.	38085	18	9	1	2	-	-	-	-	-	-	-	-	1	1	1
Kensington Town *W* - - - W.M.	91645	78	53	25	7	-	1	2	-	1	-	-	-	11	-	1
Brompton *H* - - - W.M. & C.	28654	28	14	4	3	-	-	-	-	-	-	-	-	3	-	-
St. Peter Hammersmith - - W.M.	6662	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith *H* W.M. & G.J.	36029	38	34	21	4	-	1	-	-	-	-	-	-	14	-	-
Fulham *WwH* - - - W.M. & C.	23350	32	32	12	8	-	1	1	-	-	-	-	-	11	2	4
Chelsea South *HHH* - - - C.	26420	15	12	6	1	-	-	-	-	1	-	-	-	3	-	-
Chelsea North-west *WHHHH* - C.	22926	21	22	8	7	-	-	-	-	2	-	-	-	6	-	-
Chelsea North-east - - - C.	21392	27	21	13	-	-	1	-	-	2	-	1	-	9	-	-
Hanover Square *H* - - - G.J.	18698	7	6	1	2	-	1	-	-	-	-	-	-	-	-	-
May Fair *WW* - - - - G.J.	13358	5	13	3	4	-	-	-	-	-	-	-	-	1	-	1
Belgrave *HH* - - - - C.	57972	31	28	5	4	-	-	-	-	1	-	1	-	6	2	4
St. John Westminster *HH* - - C.	38478	23	12	4	-	-	-	-	-	-	-	1	-	4	-	-
St. Margaret Westminster *WH* - C.	27781	22	11	2	1	-	-	-	-	1	-	-	-	1	-	-
Golden Square *WH* - - - G.L.	12860	12	6	3	-	-	-	-	-	-	-	-	-	1	-	-
Berwick-street *H* - N.R. & G.J.	20759	9	8	3	1	-	-	-	-	1	-	-	-	3	-	-
St. Anne Soho *HHHHH* - - N.R.	17562	9	7	3	-	-	-	-	-	2	-	-	-	1	-	-
NORTH DISTRICTS.																
All Souls Marylebone *HHHH* - W.M.	28579	16	10	3	3	-	-	-	-	2	-	-	-	2	-	-
Cavendish Square *HH* - - W.M.	15425	4	9	4	1	-	-	-	-	-	-	-	-	4	-	1
Rectory Marylebone *WH* G.J. & W.M.	26384	19	17	6	4	-	-	-	-	2	-	-	-	1	-	-
St. Mary Maryleb. *HHH* G.J. & W.M.	21786	17	7	4	2	-	-	-	-	-	-	-	-	1	1	1
Christchurch Marylebone *H* - W.M.	33944	17	16	8	2	-	-	-	-	1	-	1	-	3	-	1
St. John Marylebone *H* - - W.M.	33136	24	9	3	1	-	-	-	-	3	-	-	-	1	-	-
Hampstead *WwHH* - N.R. & W.M.	32281	18	14	5	3	2	-	-	-	-	-	-	-	2	1	-
Regent's Park Pancras - - W.M.	38200	25	11	6	2	-	-	-	-	2	-	-	-	1	-	1
Tottenham-court *wHHH* N.R. & W.M.	29370	16	15	4	3	-	-	-	-	1	-	-	-	3	-	-
Gray's Inn Lane *HHH* - - N.R.	29221	8	15	10	-	-	-	-	-	2	-	-	-	6	-	-
Somers Town - - - - N.R.	38533	36	17	5	2	-	-	-	-	-	-	1	-	3	-	1
Camden Town *WH* - - - N.R.	17943	12	10	6	1	-	-	-	-	-	-	-	-	5	1	1
Kentish Town *w* - - - - N.R.	68198	75	39	24	3	-	-	-	-	1	-	-	-	16	2	5
Islington West *HHH* - - - N.R.	97820	84	37	16	3	1	-	1	-	1	-	-	-	15	1	4
Islington East *WwwH* - - N.R.	115958	116	86	31	11	-	3	5	-	4	-	-	-	17	4	5
Stoke Newington *H* - - - N.R.	9841	12	8	2	1	-	-	-	-	-	-	-	-	4	-	-
Stamford Hill - - - - E.L.	6598	7	6	2	1	-	-	-	-	-	-	-	-	1	1	1
West Hackney - - - - N.R.	28069	24	16	7	1	-	-	-	1	2	-	-	-	5	-	-
Hackney *WwwHL* - E.L. & N.R.	50104	41	40	17	4	-	-	3	-	2	-	1	-	7	-	1
South Hackney - - - - E.L.	30339	29	18	14	1	-	-	-	-	1	-	-	-	6	1	1
CENTRAL DISTRICTS.																
St. George Bloomsbury - - N.R.	17853	10	3	2	1	-	-	-	-	-	-	-	-	1	-	-
St. Giles South *WH* - - - N.R.	19109	15	13	4	4	-	-	-	-	-	-	-	-	2	-	-
St. Giles North - - - - N.R.	16594	7	6	3	-	-	-	-	-	1	-	-	-	1	-	-
St. Martins-in-the Fields* - N.R. & C.	21238	4	7	2	2	-	-	-	-	-	-	-	-	-	1	2
St. Mary-le-Strand - - - N.R.	9378	4	3	1	1	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes *H* - - - N.R.	10723	5	12	2	2	-	-	1	-	1	-	-	-	3	-	1
St. George-the-Martyr *HHHHH* N.R.	20521	13	10	5	3	-	-	-	-	-	-	-	-	3	-	-
St. Andrew Eastern *W* - - N.R.	13529	4	16	5	3	-	-	1	-	-	-	-	-	1	1	2
Saffron Hill *H* - - - - N.R.	9066	5	3	2	-	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell *W* - - N.R.	18917	15	4	2	-	-	-	-	-	-	-	-	-	2	-	1
Amwell Clerkenwell - - - N.R.	16884	11	7	6	1	-	-	-	-	-	-	-	-	2	-	-
Pentonville - - - - - N.R.	13337	6	6	3	-	-	-	-	-	-	-	-	-	3	-	1
Goswell-street - - - - N.R.	16242	11	6	4	-	-	-	-	-	-	-	-	-	1	1	-
Old-street *H* - - - - N.R.	12161	18	6	5	-	-	-	-	-	-	-	-	-	1	-	-
City-road *HHL* - - - - N.R.	18301	12	13	6	2	-	-	-	-	2	-	-	-	3	-	-
Whitecross-street - - - - N.R.	13792	5	3	1	-	-	-	-	-	-	-	-	-	1	-	-
Finsbury - - - - - N.R.	10741	4	6	2	1	-	-	-	-	-	-	-	-	3	1	1
St. Botolph *H* - - N.R. & E.L.	14540	5	4	1	1	-	-	-	-	-	-	-	-	-	-	-
Cripplegate - - - - - N.R.	13638	6	14	3	3	-	-	-	-	-	-	1	-	1	-	-
St. Sepulchre *H* - - - - N.R.	7562	2	10	1	1	-	-	-	-	-	-	1	-	1	2	2
St. Bride *W* - - - - - N.R.	11185	3	3	-	2	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard - - - - N.R.	4426	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch - - - - N.R.	6270	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe - - - - - N.R.	4753	1	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking - - - N.R.	5764	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad-street *H* - - - - N.R.	7845	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-

* On 1st August the sub-districts of Long Acre and Charing Cross were united for registration purposes under the name of St. Martins-in-Fields sub-district.

NOTE.—The Italic capitals placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—W house; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it s see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. sig Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East Lo and K. the Kent Company.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
urday, 3rd August 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
lywell Shoreditch - N.R. & E.L.	12430	6	5	3	-	-	-	-	-	-	-	-	-	-	1	1	-
Leonard Shoreditch *HL*† - N.R.	16545	10	7	5	1	-	-	-	-	-	-	-	-	3	-	-	1
xton New Town *w* - - - N.R.	27835	21	15	8	2	-	-	-	-	-	-	-	-	6	1	1	1
xton Old Town - - - - N.R.	26933	20	12	4	3	-	1	-	-	1	-	-	-	5	-	-	-
ggerston *WH* - - N.R. & E.L.	43421	50	35	15	6	-	-	2	-	1	-	-	-	4	1	1	7
ckney-road *H* - - - - E.L.	29822	36	18	10	-	-	-	-	-	-	-	-	-	3	-	-	-
een, Bethnal Green *WHL*† - E.L.	42433	29	25	9	4	-	-	-	-	2	-	-	-	3	-	-	7
urch, Bethnal Green - E.L.	26577	17	9	5	1	-	-	-	-	1	-	-	-	3	-	-	-
wn, Bethnal Green - - - E.L.	21272	16	10	2	1	-	-	-	-	-	-	-	1	2	-	-	-
talfields *H* - - E.L. & N.R.	22499	20	8	2	1	-	1	-	-	-	-	-	-	-	-	1	-
le End New Town *W* - - E.L.	15550	18	14	3	4	-	-	-	-	-	-	-	-	-	1	3	10
itechapel North - E.L. & N.R.	11597	7	6	2	1	-	-	-	-	-	-	-	-	2	1	1	-
itechapel Church *H* - - E.L.	7322	7	17	2	3	-	-	1	-	-	-	1	-	3	4	4	14
odman's Fields - - - - E.L.	10381	10	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-
dgate - - - - N.R. & E.L.	9224	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Mary St. George East - - E.L.	17900	15	8	5	-	-	-	-	-	-	-	-	-	2	-	-	-
Paul St. George East - - E.L.	21350	17	13	6	-	-	-	1	-	-	-	-	-	5	-	-	-
John St. George East *W* - E.L.	8802	10	8	2	4	-	1	-	-	-	-	-	-	-	-	-	5
dwell *H* - - - E.L. & N.R.	11640	10	6	1	2	-	-	-	-	-	-	-	-	3	-	-	2
tcliff - - - - - - E.L.	16131	18	5	2	2	-	-	-	-	-	-	-	-	2	-	-	-
nehouse - - - - - - E.L.	29919	35	17	9	1	-	-	-	-	-	-	-	-	8	2	2	-
le End Old Town West - - E.L.	38128	33	11	4	1	-	-	-	-	-	-	-	-	3	-	1	-
e End Old Town East *WwwH* - E.L.	55024	47	27	15	2	-	-	-	1	1	-	-	-	11	-	-	-
w wwwH - - - - E.L.	67765	80	70	40	7	-	-	2	-	3	-	-	-	16	2	4	13
lar *WW* - - - - - E.L.	48611	51	23	12	2	-	-	1	-	2	-	-	-	4	1	2	1
SOUTH DISTRICTS.																	
ristchurch Southwark *WH* L. & S.	14573	3	8	2	-	-	-	-	-	1	-	-	-	2	-	1	-
Saviour Southwark *H* - S.	15677	14	10	3	-	-	-	-	-	-	-	-	-	2	-	-	-
nt-road - - - - S. & L.	20421	18	5	4	-	1	-	-	-	-	-	-	-	1	-	-	-
rough-road *WH* - - S. & L.	16695	11	5	1	-	-	-	-	1	-	-	-	-	2	-	-	1
ndon-road *HL* - - L. & S.	18961	15	12	5	1	1	-	-	-	3	-	-	-	2	-	1	-
nity Newington - - S. & L.	23682	18	13	8	1	-	-	-	-	-	-	-	-	7	-	-	-
Peter Walworth *W* - S. & L.	48248	56	37	20	5	1	1	-	-	1	-	-	-	9	-	-	6
Mary Newington - - L. & S.	16792	15	9	6	1	-	-	-	-	1	-	-	-	3	-	-	-
Olave Southwark *H* - - S.	4373	2	10	-	-	-	-	-	-	-	-	-	-	1	2	2	7
John Horsleydown *W* - - S.	10500	6	6	3	-	-	-	-	-	1	-	1	-	2	1	1	-
ther Market - - - S. & L.	16787	22	12	4	2	-	-	-	-	2	-	-	-	3	-	-	-
Mary Magdalen *W* - - - S.	15709	14	16	8	2	-	4	-	-	-	-	-	-	3	1	1	2
James Bermondsey - - S.	47933	47	36	20	4	-	-	-	-	3	-	-	1	17	-	1	-
herhithe *W* - - - S. & K.	27096	31	27	17	4	-	-	-	-	-	-	-	-	14	1	1	2
terloo-road 1st *H* - - L. & S.	14074	10	7	3	-	-	-	-	-	1	-	-	-	2	-	1	-
terloo-road 2nd *H* - - L. & S.	18465	13	8	4	2	-	-	-	-	-	-	-	-	3	-	-	-
nbeth Church 1st *H* - L. & S.	19492	13	14	4	1	-	-	-	-	-	-	2	-	3	-	-	9
nbeth Church 2nd *WW* - L. & S.	35833	31	20	11	3	-	-	-	-	-	-	-	-	4	1	1	3
nington 1st - - - S. & L.	41286	27	18	8	4	-	-	1	1	3	-	-	-	4	-	-	-
nington 2nd - - - S. & L.	31221	19	15	7	4	-	-	-	-	2	-	-	-	6	-	-	-
xton *w* - - - - L. & S.	35435	44	26	14	4	-	-	1	-	-	-	2	-	5	-	-	-
wood *W* - - - - - L.	12536	5	8	3	2	-	-	1	-	-	-	-	-	2	-	-	-
ham *H* - - - - - S.	27347	22	16	7	3	-	-	-	1	-	-	-	-	6	-	1	-
tersea *Ww* - - - - S.	54016	61	63	27	9	-	2	1	-	7	-	-	-	20	-	-	3
ndsworth *HL* - - - S.	19783	14	8	2	1	-	-	-	-	-	-	-	-	2	-	-	1
ney - - - - - - S.	9439	6	3	1	-	-	-	-	-	-	-	-	-	1	-	-	-
atham - - - - - L.	14475	18	11	4	1	-	-	-	-	2	-	-	-	1	-	-	-
lwich - - - - - L. & S.	4041	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
nberwell *WL*†*L*† - S. & L.	31254	38	24	7	6	-	-	-	-	-	-	-	1	4	1	1	9
sham *W* - - S., L., & K.	42160	43	31	15	4	-	-	1	-	2	-	1	-	8	1	2	-
George Camberwell - L. & S.	33851	34	20	12	1	-	-	-	-	-	-	-	-	7	-	-	-
Paul Deptford *w* - - - K.	53714	58	50	19	1	12	-	-	-	4	-	-	-	6	1	2	12
Nicholas Deptford - - - K.	6474	5	4	2	-	-	-	-	-	-	-	-	-	2	-	-	-
enwich West - - - - K.	21034	16	11	3	3	-	-	-	-	-	-	-	-	2	-	-	-
enwich East *WH* - - - K.	19378	18	16	8	2	-	1	-	-	-	-	-	-	4	-	-	5
am *H* - - - - - K.	4539	1	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-
- - - - - - K.	16440	11	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
isham Village *WH* - - K.	11513	9	15	6	3	-	-	-	-	-	-	1	1	5	-	-	2
nham *H* - - - - L.	19065	13	8	4	-	-	-	-	1	1	-	-	-	2	-	-	-
rlton *H* - - - - - K.	9564	4	2	-	1	-	-	-	-	-	-	-	-	-	2	1	-
lwich Dockyard - - - K.	17226	15	9	4	-	-	-	-	-	3	-	-	-	1	1	1	-
lwich Arsenal *WHH* - - K.	18331	10	5	3	-	-	-	-	-	-	-	-	-	2	-	-	-
nstead West - - - - K.	13027	10	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
nstead East *W* - - - K.	15232	19	10	5	-	-	-	-	-	1	-	-	-	1	-	-	-

e following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the e Table by *w* :—

Central London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary " " "
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7.—LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 3rd August, 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
	LONDON—OUTER RING	368,414	631,381	571	385	182	59	-	5	3	3	14	3	116	12	18
29 : 1	Carshalton *wL* - - -	12228	13523	9	10	-	6	-	-	-	-	-	-	-	-	-
2	Epsom (*part of*) * *WH* -	9971	9145	7	3	1	2	-	-	-	-	-	-	-	-	-
36 : 1	Godstone (*part of*) * - -	2754	900	3	-	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	61	52	32	4	-	-	1	-	1	-	18	1	2
2	Mitcham *WH* - - -	11697	12534	14	6	3	1	-	-	-	-	-	1	1	-	-
38 : 1	Wimbledon *HH* - - -	3220	9087	7	1	1	-	-	-	-	-	-	-	1	-	-
2	Kingston *WH* - - -	8549	27489	23	9	1	2	-	-	-	-	-	-	1	1	1
3	Esher (*part of*) * - -	6601	7358	4	1	-	1	-	-	-	-	-	-	-	-	-
4	Hampton - - - -	4573	10185	8	8	1	3	-	-	-	1	-	-	2	1	2
39 : 1	Richmond *WH* - - -	2271	16829	13	5	2	-	-	-	-	-	1	-	1	-	-
2	Mortlake - - - -	2961	9316	10	7	3	3	-	-	-	-	-	-	2	-	-
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	20	8	5	1	-	1	-	-	-	-	3	-	-
2	Chislehurst (*part of*) * *W* -	13665	10028	3	4	1	-	-	-	-	-	-	-	-	-	-
41 : 1	Bexley *H* - - - -	13439	19566	18	4	3	-	-	-	-	-	-	-	-	-	-
123 : 1	Sunbury *W* - - -	11055	9860	8	1	-	1	-	-	-	-	-	-	-	-	1
2	Staines *W* - - - -	13277	10339	18	7	1	2	-	-	-	-	1	-	1	1	1
124 : 1	Hillingdon *WH* - - -	6029	9712	10	1	1	-	-	-	-	-	-	-	-	-	-
2	Uxbridge - - - -	6178	5329	1	2	-	-	-	-	-	-	-	-	-	-	-
3	Hayes *WL* - - - -	14587	10497	11	5	1	-	-	-	-	-	1	-	-	-	-
125 : 1	Isleworth *W* - - -	7008	19930	31	5	2	2	-	-	-	-	-	-	2	1	1
2	Twickenham - - -	2477	10533	5	4	2	-	-	2	-	-	-	-	2	-	-
3	Brentford *HL* - - -	4370	20279	12	10	6	3	-	-	-	-	-	-	5	-	-
4	Chiswick - - - -	1311	8508	17	3	1	2	-	-	-	-	-	-	-	-	-
5	Acton *WH* - - - -	6087	12683	16	13	11	-	-	-	-	-	-	-	12	-	-
126 : 1	Harrow *H* - - - -	13809	10869	5	4	2	-	-	-	-	-	-	-	2	1	1
2	Edgware *H* - - -	6994	3450	1	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	19	12	6	-	-	-	-	-	-	-	3	-	-
4	Hendon *WH* - - -	8382	6972	6	5	1	-	-	-	-	-	-	-	1	2	2
127 : 1	South Mimms - - -	15419	5924	4	1	-	-	-	-	-	-	-	-	1	-	-
2	Barnet *W* - - - -	5423	7752	7	8	1	3	-	-	-	-	-	-	3	-	1
3	Finchley *L* - - - -	4688	11493	9	12	2	4	-	-	-	-	-	-	-	-	-
128 : 1	Hornsey *H* - - - -	3039	19357	21	18	9	1	-	-	-	-	1	-	4	-	-
2	Tottenham *H* - - -	4642	22869	19	16	12	-	-	-	-	1	-	-	9	1	1
3	Edmonton *WW* - - -	7483	13860	14	11	2	4	-	-	-	1	-	-	2	1	1
4	Enfield *WH* - - -	12653	16054	7	6	1	1	-	-	-	-	-	-	1	-	1
5	Waltham Abbey - - -	11017	5197	3	1	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	2	3	1	1	-	-	-	-	-	-	-	-	-
134 : 1	Hatfield (*part of*) * - -	3180	559	2	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	1	3	1	1	-	-	-	-	-	-	-	-	-
185 : 1	Stratford - - - -	882	23286	21	23	16	1	-	-	-	-	3	-	7	1	1
2	West Ham *WWWW* - -	7345	44642	57	50	30	2	-	2	1	-	4	-	21	-	-
3	Leyton *WW* - - -	4274	15513	18	16	4	3	-	-	1	-	2	1	1	-	1
4	Walthamstow *H* - -	6619	15701	11	9	4	1	-	-	-	-	-	-	3	-	-
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	3	4	-	3	-	-	-	-	-	1	-	-	-
188 : 1	Romford (*part of*) * - -	6730	2879	-	2	1	-	-	-	-	-	-	-	2	-	-
2	Ilford - - - - -	8492	5947	6	3	3	-	-	-	-	-	-	-	2	-	-
3	Barking Town - - -	4128	6576	6	9	8	1	-	-	-	-	-	-	3	1	1

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follo 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Gods sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, excep two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoidon (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 3rd August 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Deaths in Public Institutions.
EATER LONDON	446,494	4,450,015	26·5	9·3	2262	994	310	18	24	29	9	103	24	586	62	295
INNER LONDON -	78,080	3,577,304	27·4	9·5	1877	812	251	18	19	26	6	89	21	470	50	254
OUTER RING -	368,414	872,711	23·0	8·6	385	182	59	–	5	3	3	14	3	116	12	41

OTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal 97·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area 8,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, hich 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than iles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,758,933 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	June	22	–	241	29·2	Small-pox 36; cholera 19; fevers 62.
BOMBAY - -	644,405	July	2	–	470	37·9	Small-pox 15; cholera 33.
MADRAS - -	397,552	June	14	291	311	40·6	Small-pox 9; fevers 99; dysentery 28.
PARIS - - -	1,988,806	August	1	–	939	24·6	Small-pox 2; typhoid fever 19; diphth. 23.
GENEVA - -	68,792	July	27	31	27	20·5	—
BRUSSELS - -	175,782	"	20	99	99	29·4	Typhoid fever 3; whoop-cough 2; diarrhœa 22.
AMSTERDAM -	302,266	"	20	186	133	22·2	Typhus and typhd. fev. 5; whooping-cough 3.
ROTTERDAM -	142,585	"	20	99	87	31·7	—
THE HAGUE -	107,896	"	20	58	49	23·5	—
COPENHAGEN -	220,000	"	23	154	89	21·1	Diarrhœal diseases 15; diphtheria 2.
STOCKHOLM -	152,825	"	20	–	80	27·2	Diarrhœa 15; scarlet fever 3.
CHRISTIANIA -	105,000	"	27	86	33	16·0	Diarrhœa 11.
ST. PETERSBURGH	669,741	"	20	–	587	45·6	Sm.-pox 26; typhus and typhd. fev. 47; diarr. 113.
BERLIN - -	1,019,620	"	13	–	–	–	—
HAMBURG (State)	406,104	"	20	280	215	27·6	Diphtheria and croup 7; diarrhœa 37.
DRESDEN - -	207,845	"	20	134	99	24·5	Diphtheria and croup 5.
BRESLAU - -	267,000	"	27	207	156	30·4	Scarlet fever 4; diarrhœal diseases 43.
MUNICH - -	222,000	"	27	165	147	34·0	Typhoid fever 2; diarrhœa 45.
VIENNA - -	727,271	"	27	497	387	27·7	Small-pox 11; diarrhœal dis. 45; diphtheria 14.
BUDA-PESTH -	319,530	"	20	218	228	37·1	Small-pox 8; diphtheria 6; diarrhœa 36.
ROME - - -	282,214	June	22	109	180	33·3	Diphtheria and croup 5; diarrhœal diseases 31.
NAPLES - -	457,407	July	8	–	–	–	—
TURIN - -	227,843	"	20	146	122	27·9	Small-pox 3; typhus and typhoid fever 6.
VENICE - -	139,796	"	27	73	79	29·5	Typhoid fever 2.
ALEXANDRIA -	212,034	"	18	120	238	58·6	Whooping-cough 16; diphtheria 3.
NEW YORK -	1,084,528	July	6	–	665	31·9	Diarrhœal diseases 184; scarlet fever 22.
BROOKLYN -	549,438	June	29	–	232	22·0	Diarrhœal diseases 58.
PHILADELPHIA	876,118	July	13	–	428	25·5	Scarlet fever 7; diarrhœal diseases 96.
BALTIMORE -	355,000	"	6	–	179	26·3	Scarlet fever 3; typhoid fever 4.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 3rd AUGUST, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. High-est.	Low-est.	Range in day.	Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Great-est.	Least.	Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	P.M.	Pressure on square foot. Great-est.	Least.	Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
JULY.																										
SUN. .	28	..	29·794	69·3	54·8	14·5	61·3	52·6	118·5	50·3	70·8	68·3	8·7	13·1	0·8	− 0·9	73	E. & NE.	E. & SE.	0·3	0·0	0·0	144	− 81	0·00	6·0
MON. .	29	New	29·871	72·8	48·8	24·0	57·9	53·1	126·4	43·1	70·3	67·3	4·8	17·9	0·2	− 4·4	84	Variable	Variable	1·9	0·0	0·0	107	−126	0·01	0·0
TUES. .	30	..	30·021	70·7	47·6	23·1	59·0	52·0	137·7	38·8	70·8	68·3	7·0	14·9	0·0	− 3·3	78	W. NW. & N.	N.	7·0	0·0	0·4	329	+ 79	0·01	2·0
WED.	31	..	30·179	71·2	55·7	15·5	61·8	53·4	113·4	51·9	70·3	67·3	8·4	15·1	3·8	− 0·5	74	N. & NNE.	NE.&ENE.	1·2	0·0	0·1	271	+ 21	0·00	0·7
AUGUST.																										
THURS.	1	Perigee.	30·064	73·9	54·1	19·8	60·9	53·9	138·0	46·9	69·8	66·8	7·0	18·7	3·8	− 1·4	78	ENE.&NE.	ENE. & ESE.	0·8	0·0	0·0	256	+ 14	0·00	6·3
FRI. .	2	In Equator	29·763	74·8	52·5	22·3	62·0	50·8	135·7	46·7	69·3	66·3	11·2	22·4	1·1	− 0·3	67	NE.	ENE. NE. & NNE.	11·0	0·0	0·9	441	+203	0·00	3·0
SAT. .	3	..	29·543	68·0	54·5	13·5	60·5	56·5	128·0	54·5	68·7	66·1	4·0	11·5	1·5	− 1·7	87	N.NE.&SE.	E. & NE.	2·7	0·0	0·2	272	+ 32	0·23	6·0
MEANS .		..	29·891	71·5	52·6	19·0	60·5	53·2	128·2	47·5	70·0	67·2	7·3	16·2	1·6	− 1·8	77	NE.		..	..	..	Sum 1820	Sum +142	Sum 0·25	3·4
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
JULY.					
SUNDAY .	28	Weak positive - -	4·5	15·6	The amount of cloud was generally large, otherwise fine.
MONDAY .	29	Negative generally in morning; positive in evening.	1·3	15·5	Morning cloudy; amount of cloud generally large during day; showery in afternoon.
TUESDAY .	30	Weak positive throughout.	8·8	15·5	Generally cloudy till after noon; midday showery; fine afterwards.
WEDNESDAY	31	Positive shown throughout.	0·7	15·4	Generally overcast till afternoon; afterwards the amount of cloud was smaller; fine.
AUGUST. THURSDAY .	1	Positive generally shown.	5·9	15·3	Overcast till after noon; the amount of cloud was variable afterwards; fine.
FRIDAY .	2	Nothing shown in morning; negative generally in afternoon; positive in evening.	6·4	15·3	Morning cloudy, with a little thin rain; amount of cloud generally small during the day, but increased in amount in evening.
SATURDAY .	3	Strong positive and negative during thunderstorm; positive in evening.	3·1	15·2	Slight rain in early morning; thunderstorm with rain before noon, the lowest temperature of the day occurred at this time; showery in afternoon; fine afterwards.
..		..	Sum 30·7	Sum 107·8	
No. of Col.		28	29	30	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and − "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Sir E. Y. W. Henderson, R.E., K.C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 29·78 in. at the beginning of the week to 30·20 in. by 9h. P.M. on 31st July; decreased to 29·53 in. by 3h. P.M. on 3rd August; and was 29·58 in. at the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
12th August, 1878.

United Kingdom.

During last week 5401 *births* and 4240 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality from all causes was at the average rate of 26 deaths annually in every 1000 persons living. The annual death-rate was 15 per 1000 in Edinburgh, 22 in Glasgow, and 26 in Dublin ; small-pox caused 12 deaths in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow :—Plymouth 18, Bradford 23, Portsmouth 23, Bristol 23, Leicester 24, London 25, Wolverhampton 25, Oldham 26, Nottingham 27, Birmingham 29, Sunderland 29, Manchester 29, Sheffield 30, Newcastle 30, Salford 31, Brighton 31, Liverpool 33, Leeds 33, Norwich 35, and the highest rate 45 in Hull. The annual death-rate from the seven principal zymotic diseases averaged 9·3 per 1000 in the twenty towns, of which 6·8 was due to diarrhœa. Scarlet fever continues fatally prevalent in Sheffield and Birmingham. Small-pox caused 14 deaths in London, but not one in any of the nineteen provincial towns.

The fatal cases of diarrhœa, which had increased steadily from 56 to 1159 in the seven preceding weeks, declined last week to 947. During the past seven weeks the annual death-rate from diarrhœa has averaged 4·6 per 1000 in the twenty towns, and has ranged from 1·5 in Oldham and 1·8 in Plymouth and Bristol, to 10·9 and 11·1 in Hull and Leicester.

London.

In London 2241 births and 1694 deaths were registered. Allowing for increase of population, the births were 112 below, whereas the deaths exceeded by 65, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the five preceding weeks had increased from 22·0 to 27·4, declined again last week to 24·7.

The 1694 deaths included 14 from small-pox, 14 from measles, 26 from scarlet fever, 11 from diphtheria, 77 from whooping-cough, 32 from different forms of fever, and 339 from diarrhœa; thus to the seven principal diseases of the zymotic class 513 deaths were referred, against numbers increasing from 215 to 649 in the seven preceding weeks. These 513 deaths were 11 above the corrected average number from the same diseases in the corresponding week of the last ten years. The fatal cases of whooping-cough further declined from 106, 101, and 89 in the three preceding weeks, to 77, which, however, exceeded the corrected average by 36 ; the disease showed excessive fatality in Marylebone, Southwark, and Battersea. The deaths from both measles and scarlet fever were less than half the corrected average numbers ; scarlet fever, however, caused 4 deaths in Fulham (including 2 in one family), 4 in Pancras, and 5 in Islington. The 11 deaths from diphtheria exceeded the numbers in recent weeks, and included 3 in the North and 4 in the South groups of districts, and 2 in St. Luke's. The deaths referred to fever, which had been 21 in each of the two previous weeks, rose to 32 last week, and exceeded the corrected average weekly number by 2 ; 28 fatal cases were certified as enteric or typhoid, and 4 as simple continued fever. The 28 deaths from enteric fever showed a marked increase upon the numbers in recent weeks; 3 of the deceased patients had resided in Islington, 3 in Hackney, 3 in Southwark, 2 in Lambeth, and 2 in Deptford. No death from typhus has been registered in London during the past fortnight, and the Metropolitan Asylum Hospitals contained but one typhus patient on Saturday.

The deaths referred to diarrhœa and simple cholera, which in the seven preceding weeks had increased from 23 to 494, declined again last week to 343, of which 269 were of infants under one year of age, and 60 of children aged between one and

five years; the fatality of the disease was especially marked in Islington, Mile End Old Town, Poplar, Newington, Battersea, Camberwell, and Deptford. Only 12 deaths (including 8 of infants) were referred to choleraic diarrhœa and simple cholera, against 23 and 24 in the two previous weeks. During the past seven weeks the annual death-rate from diarrhœa has averaged 4·3 per 1000 in London, against 5·0 in the nineteen provincial towns.

The deaths from small-pox, which had been 11 and 18 in the two previous weeks, were 14 last week, of which 8 were recorded in the Metropolitan Asylum Hospitals, one in the Highgate Small-pox Hospital, and 5 in private dwelling-houses. Ten of the deceased small-pox patients had resided in South London, including 5 in Greenwich and Deptford, and 3 in Southwark. Five of the fatal cases were certified as unvaccinated, and 2 of adults as vaccinated; in the 7 other cases the medical certificates gave no information as to vaccination. The Metropolitan Asylum Hospitals contained 236 small-pox patients on Saturday last, against 304, 276, and 251 at the end of the three preceding weeks; only 21 new cases were admitted during the week, against 62 and 48 in the two previous weeks. The Highgate Small-pox Hospital contained 10 patients on Saturday last.

A labourer died on 4th inst. at 12, Wood Street, Spitalfields, of "senile decay," whose age was stated to be 103 years; he is said to have lived in the same house for nearly 70 years.

Different forms of violence caused 57 deaths; 49 were the result of negligence or accident, including 17 from fractures and contusions, 3 from burns and scalds, 14 from drowning, 2 from poison, and 7 of infants under one year of age from suffocation. The 17 deaths from fractures and contusions were thus caused:—male aged 32 years, run over by carriage; males 3 and 74, run over by carts; male 44, thrown from cart; male 10 and female 5, run over by wagons; male 14, jammed against post by pole of van; male 9, run over on Great Northern Railway; males 75, 37 (intoxicated), and 5, and female 60, fell down stairs; male 34, fell from scaffold; male 9 months, fell from bed; male 19, crushed by steam printing machine; male 74, by fracture of skull (not stated how); and female 45, by fracture of femur (not stated how). An inquest was held in each of these cases except the last, which was certified by a registered medical practitioner.

Greater London.

In the Greater London 2818 births and 2084 deaths were registered, equal to annual rates of 33·0 and 24·4 per 1000 of the population. In the Outer Ring, the fatal cases of diarrhœa, which had been 63 and 116 in the two previous weeks, declined again to 79 last week, of which 33 occurred in the district of West Ham. Four deaths from whooping-cough and one from diphtheria were returned in Bromley; 4 from measles in Twickenham, and 3 from scarlet fever in Brentford.

Dr. Frankland reports, as the result of his analyses of the waters supplied to the Metropolis during July, that taking the average amount of organic impurity in a given volume of the Kent Company's water during the nine years ending December 1876 to represent unity, the proportional amount of such impurity in an equal volume of water supplied by each of the other Companies, and by the Tottenham Local Board, was:—Tottenham 1·4, Kent 1·5, Colne Valley 1·7, New River 2·6, Southwark 3·3, Chelsea 3·8, West Middlesex 4·3, East London 4·6, Grand Junction 5·0, and Lambeth 5·9. The Thames and Lea waters were much below their usual summer quality, but were less impure than in June. The waters supplied by the Chelsea, Southwark, Grand Junction, and Lambeth Companies were slightly turbid. The Southwark Company's water contained moving organisms, and the Chelsea water fungoid growths. The best river water was that supplied by the New River Company from the Lea. The deep well waters supplied by the Kent and Colne Valley Companies, and by the Tottenham Local Board were of their usual excellent quality. The temperature of the river waters supplied by the various companies ranged from 63°·1 to 68°·5 Fahrenheit, rendering them vapid and unpalatable. The highest temperature of the deep well waters was 56°·1.

Dr. Hill, Medical Officer of Health, reports that the Birmingham water was clear, but showed an increased proportion of organic matter. Dr. Mills reports that the Loch Katrine water supplied to Glasgow contained "muddy particles, with some flakes."

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 31, Bombay 40, Madras 38; Paris 26; Geneva 20;

Brussels 27; Amsterdam 27, Rotterdam 31, The Hague 29; Copenhagen 28; Stockholm 18; Christiania 13; St. Petersburgh 41; Berlin 32, Hamburg 27, Dresden 26, Breslau 31, Munich 33; Vienna 24, Buda-Pesth 38; Rome 29, Turin 30; Alexandria 54; New York 36, Brooklyn 30, Philadelphia 21, and Baltimore 26.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·69 in.; the highest reading was 29·98 in. on Thursday evening, and the lowest 29·48 in. at the end of the week. The mean temperature of the *air* was 65°·9, and 3°·9 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed an excess on each day of the week; the hottest day was Monday, when the mean was 67°·8, and 5°·7 above the average. The lowest night temperature was 54°·7 on Friday, and the highest day temperature in the shade 79°·3 on Friday; the extreme range in the week was, therefore, 24°·6. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 143°·4 on Friday. The difference between the mean *dew-point* and *air* temperature averaged 8°·1. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 66°·7. The mean degree of *humidity* of the air was 76, complete saturation being represented by 100. The general direction of the *wind* was South-west, and the horizontal movement of the air averaged 8·8 miles per hour, which was 2·6 below the average in the corresponding week of 16 years. *Rain* fell on four days of the week, to the aggregate amount of 2·22 inches. The duration of registered bright sunshine in the week was 54·5 hours, the sun being above the horizon during 105·2 hours; the recorded duration of sunshine was, therefore, equal to 52 per cent. of its possible duration.

The Registrar General has to acknowledge the courtesy of the London Water Companies who have furnished him with the average daily quantity of Water supplied during the month of July 1878; according to their returns 147,960,686 gallons or 672,253 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 270 gallons (122·7 decalitres), rather more than a *ton* by weight, to each house, and 38·0 gallons (17·3 decalitres) to each person, against 35·2 gallons during July 1877.

Companies.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons (including that for Manufactures and for various purposes other than for domestic consumption) during the Month of	
	July 1877.	July 1878.	July 1877.	July 1878.
Total Supply	535,478	547,987	133,684,030	147,960,686
From Thames	251,269	258,497	67,610,360	75,266,172
From Lea and from other Sources	284,209	289,490	66,073,670	72,694,514
Thames.				
Chelsea	28,741	29,014	8,819,600	9,505,400
West Middlesex	49,462	50,896	11,298,597	11,540,934
Southwark and Vauxhall	78,530	81,000	19,350,000	25,196,388
Grand Junction	37,683	38,462	12,793,963	13,838,650
Lambeth	56,853	59,125	15,348,200	15,184,800
Lea and other Sources.				
New River	125,585	126,987	29,104,000	31,779,000
East London	113,192	117,084	28,946,200	31,456,792
Kent	45,432	45,419	8,023,470	9,458,722

Note.—The Return for July 1878, as compared with that for the corresponding month of 1877, shows an increase of 12,509 houses, and of 14,276,656 gallons of water supplied daily.

Analysis of Metropolitan Water Supply during July.

Royal College of Chemistry, South Kensington Museum,
6th August, 1878.

Sir,

I have to report to you in the following Table the results of the chemical analysis of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of July.

I append, also, the results obtained in the analyses of the water supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the nine years ending December 1876 as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health was:—Tottenham 1·4, Kent 1·5, Colne Valley 1·7, New River 2·6, Southwark 3·3, Chelsea 3·8, West Middlesex 4·3, East London 4·6, Grand Junction 5·0, and Lambeth 5·9.

The waters drawn from the Thames by the Chelsea, West Middlesex, Southwark, Grand Junction, and Lambeth Companies, and from the Lea by the East London Company, though somewhat less impure than last month, were still much below their usual summer quality. The Chelsea, Southwark, Grand Junction, and Lambeth Companies' waters were slightly turbid, but

the remaining samples of river water were efficiently filtered. Moving organisms were seen in the Southwark Company's water and fungoid growths in that of the Chelsea Company. The water abstracted from the Lea by the New River Company was of much better quality than that of any other Metropolitan Company drawing its supply from rivers.

The deep well water delivered by the Kent and Colne Valley Companies, and by the Tottenham Local Board, was bright, wholesome, palatable, and of its usual excellent quality.

The temperature of the water delivered by the seven Companies drawing their supplies from rivers varied from 17°·3 C. (63°·1 F.), to 20°·3 C. (68°·5 F.). At these temperatures water is vapid and unpalatable. The temperature of the water drawn from deep wells by the Kent and Colne Valley Companies did not exceed 13°·4 C. (56°·1 F.)

Seen through a stratum two feet deep, the water supplied by the Kent and Colne Valley Companies, and by the Tottenham Local Board, was clear and colourless; that supplied by the New River Company very pale yellow. The West Middlesex and East London Companies' water was pale yellow; the Chelsea, Southwark, and Grand Junction Companies water slightly turbid and pale yellow, and that supplied by the Lambeth Company slightly turbid and yellow.

Dr. Hill, the Medical Officer of Health for Birmingham, reports that the water supplied to that town was "clear, and although better in some respects, its organic matter had increased."

Dr. Mills, F.R.S., of Anderson's College, Glasgow, reports that the water supplied to that city from Loch Katrine was "light brown in colour, and contained muddy particles with some flakes."

I am, &c.

The Registrar General, &c. &c. E. Frankland.

Results of Analysis expressed in Parts per 100,000.

	Companies or Local Authorities.	Date and Place of Collection.	Temperature in centigrade degrees.	Total Solid Matters.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Nitrates and Nitrites.	Total combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	Thames:		°								
	Chelsea	2nd July, Cab Rank, Horse Guards.	17·8	26·88	·190	·036	0	·147	·183	1·5	19·1
	West Middlesex	2nd July, Cab Rank, Portland-road.	20·0	26·98	·205	·047	0	·105	·152	1·5	19·7
	Southwark	2nd July, Cab Rank, St. George's Church, Borough.	20·3	27·58	·169	·029	0	·140	·169	1·5	19·4
	Grand Junction	2nd July, Lancaster-gate, Hyde Prk.	17·3	28·00	·240	·055	0	·153	·208	1·5	18·5
	Lambeth	2nd July, Cab Rank, Westminster Bridge-road.	18·8	24·22	·313	·037	0	·079	·116	1·4	17·7
	Other Sources:										
	New River	2nd July, Cab Rank, Tottenham-court-road.	19·8	26·36	·137	·019	0	·110	·129	1·5	19·1
	East London	2nd July, Royal Hotel, Mile-End-rd.	19·8	27·70	·240	·035	0	·103	·138	1·6	20·3
	Kent	1st July, Deptford Police Station.	13·3	44·68	·078	·014	0	·604	·618	2·6	29·0
Outer Circle.	Colne Valley	5th July, Bushey.	13·4	16·70	·079	·021	0	·328	·349	1·5	8·4
	Tottenham Local Board	10th July, High-street, Tottenham.	–	48·88	·060	·023	0	·535	·558	3·4	30·0
	Corporation of Birmingham*	12th July, 12 Court, Bordesley-street.	17·2	20·20	·372	·081	·004	·143	·227	1·5	12·0
	Corporation of Glasgow †	15th July, Loch Katrine service.	15·2	2·70	·117	·016	0	·005	·021	·55	·79
	Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

* Analysed by Dr. Alfred Hill, Medical Officer of Health and Analyst to the Borough.
† Analysed by Dr. E. J. Mills, F.R.S., of Anderson's College, Glasgow.

The numbers in columns 4–11 all relate to 100,000 parts of the waters. The Table is to be read thus: the Chelsea Company's water, collected on the 2nd July at the Horse Guards cab-rank, had a temperature of 17°·8 C.; 100,000 lbs. of it contained 26·88 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·190 lb. of carbon and ·036 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·147 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of *combined* nitrogen in every form was ·183 lb. The above weight of water also contained 1·5 lbs. of chlorine; and 19·1 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, 10th August, 1878.

CITIES AND BOROUGHS. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 10th August, 1878.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
In 23 TOWNS in the UNITED KINGDOM	220,307	8,373,953	38·0	5401	4240	81·0	45·5	62·5	16·95	1·43	3·63
LONDON	75,362	3,577,304	47·5	2241	1694	79·3	54·7	65·9	18·83	2·22	5·64
BRIGHTON	2,354	103,923	44·1	50	62	74·5	54·5	63·8	17·67	0·64	1·63
PORTSMOUTH	4,486	129,461	28·9	70	57	–	–	–	–	–	–
NORWICH	7,472	84,620	11·3	47	57	–	–	–	–	–	–
PLYMOUTH	1,395	73,599	52·8	39	25	79·3	48·6	64·2	17·89	0·66	1·63
BRISTOL	4,452	206,419	46·4	137	92	79·3	48·6	64·2	17·89	0·66	1·68
WOLVERHAMPTON	3,396	74,240	21·9	60	36	74·5	50·6	60·6	15·90	1·67	4·24
BIRMINGHAM	8,400	383,117	45·6	267	211	–	–	–	–	–	–
LEICESTER	3,200	121,473	38·0	98	57	77·0	49·8	63·2	17·33	1·64	4·17
NOTTINGHAM	9,960	165,267	16·6	110	87	76·4	49·0	62·0	16·67	1·89	4·80
LIVERPOOL	5,210	532,681	102·2	383	337	71·0	53·0	61·6	16·45	1·55	2·94
MANCHESTER	4,293	360,514	84·0	239	203	–	–	–	–	–	–
SALFORD	5,170	170,251	32·9	102	101	74·4	50·2	61·6	16·45	1·81	4·60
OLDHAM	4,666	107,366	23·0	79	53	–	–	–	–	–	–
BRADFORD	7,220	185,088	25·6	126	81	72·7	53·0	60·5	15·84	2·48	6·30
LEEDS	21,572	304,948	14·1	222	193	73·0	51·0	61·7	16·50	1·94	4·93
SHEFFIELD	19,651	289,537	14·7	191	165	73·6	54·0	61·5	16·39	2·42	6·15
HULL	3,635	143,139	39·4	110	124	73·0	55·0	61·7	16·50	1·50	3·81
SUNDERLAND	2,768	112,459	40·6	80	63	81·0	57·0	62·8	17·12	1·20	3·05
NEWCASTLE-ON-TYNE	5,371	144,570	26·9	107	83	–	–	–	–	–	–
EDINBURGH	4,191	222,371	53·1	125	65	74·2	45·5	60·9	16·06	0·71	1·80
GLASGOW	6,033	566,940	94·0	345	235	76·0	49·0	63·1	17·28	0·41	1·04
DUBLIN	10,050	314,666	31·3	173	159	75·7	49·5	62·7	17·06	0·89	2·26

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.

† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday, 10th August, 1878.

BOROUGHS, &c. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
				Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.		
In 20 TOWNS	27·1	9·3	3781	1572	520	14	25	102	17	129	58	947	106	173	455
LONDON	24·7	7·5	1694	676	248	14	14	26	11	77	32	339	57	91	257
BRIGHTON	31·1	12·6	62	29	7	–	1	–	–	4	–	20	1	2	9
PORTSMOUTH	23·0	6·9	57	30	12	–	–	–	–	2	–	15	–	1	3
NORWICH	35·1	11·7	57	28	12	–	–	–	1	5	–	13	1	2	6
PLYMOUTH	17·7	0·0	25	5	6	–	–	–	–	–	–	–	–	–	4
BRISTOL	23·3	4·0	92	35	18	–	–	–	–	1	1	14	5	6	16
WOLVERHAMPTON	25·3	6·3	36	15	3	–	–	1	–	–	–	8	–	–	–
BIRMINGHAM	28·7	11·9	211	83	23	–	1	17	1	9	2	57	7	14	27
LEICESTER	24·5	10·7	57	32	7	–	–	1	–	1	–	23	–	3	5
NOTTINGHAM	27·5	9·2	87	39	16	–	–	1	–	1	1	26	2	5	11
LIVERPOOL	33·0	13·0	337	157	27	–	3	11	2	6	6	105	10	12	27
MANCHESTER	29·4	11·0	203	80	22	–	1	5	2	8	2	58	3	11	34
SALFORD	31·0	14·7	101	43	11	–	–	4	–	2	3	39	4	4	6
OLDHAM	25·8	5·8	53	18	9	–	1	4	–	–	1	6	3	3	6
BRADFORD	22·8	7·0	81	28	10	–	2	2	–	6	–	15	1	1	5
LEEDS	33·0	15·1	193	95	22	–	2	7	–	2	3	74	5	8	12
SHEFFIELD	29·7	12·4	165	61	20	–	–	22	–	1	2	44	1	3	12
HULL	45·2	20·1	124	60	22	–	–	–	–	2	2	51	4	5	8
SUNDERLAND	29·2	11·6	63	28	9	–	–	–	–	1	2	22	–	–	3
NEWCASTLE-ON-TYNE	30·0	7·6	83	30	16	–	–	1	–	1	1	18	2	2	4
DUBLIN	26·4	6·6	159	37	26	12	1	–	–	2	5	20	5	6	53

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the THIRTY-SECOND Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2025	2227	2066	2057	2169	2174	2365	2395	2276	2235	2198·9	2241
Males . .	1065	1168	991	1055	1122	1151	1186	1212	1149	1155	1125·4	1142
Females .	960	1059	1075	1002	1047	1023	1179	1183	1127	1080	1073·5	1099
TOTAL **Deaths**	1545	1591	1494	1568	1598	1711	1368	1483	1572	1293	1522·3	1694
Males . .	795	822	755	805	857	889	706	783	823	680	791·5	890
Females .	750	769	739	763	741	822	662	700	749	613	730·8	804

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	May 18.	May 25.	June 1.	Jun 8.	June 15.	June 22.	June 29.	July 6.	July 13.	July 20.	July 27.	Aug. 3.	Aug. 10.
TOTAL **Deaths** - - -	1380	1381	1419	1481	1300	1391	1570	1511	1589	1787	1792	1877	1694
0—20 - -	670	707	761	773	684	687	782	807	957	1083	1161	1194	1032
20—40 - -	194	192	218	178	181	203	218	183	160	187	186	205	187
40—60 - -	258	225	212	254	190	260	260	222	225	227	204	227	227
60—80 - -	215	208	183	240	210	210	252	199	213	243	209	217	208
at 80 years & upwds.	43	49	45	36	35	31	58	40	34	47	32	34	40
Deaths of children: Under 1 year -	303	317	346	353	341	328	392	469	598	700	758	812	676
Deaths of children: 1—5 - - -	261	274	295	296	250	266	284	292	279	296	302	297	256
Deaths of children: 5—20 - -	106	116	120	124	93	93	106	106	80	87	101	85	100
Deaths from 7 principal Zymotic Diseases	259	246	276	285	220	215	280	350	408	525	622	649	513
" " Smallpox - -	48	43	40	42	24	19	38	19	11	19	11	18	14
" " Measles - -	28	14	15	18	20	17	24	31	16	13	21	19	14
" " Scarlet Fever -	26	17	17	27	24	17	23	19	20	21	27	26	26
" " Diphtheria -	12	20	17	16	8	12	7	11	8	8	7	6	11
" " Whooping-cough	102	116	152	135	101	108	97	108	85	106	101	89	77
" " Typhus fever -	3	2	4	2	2	3	5	3	2	3	1	–	–
" " Enteric (or Typhoid) fever -	16	15	11	15	14	11	10	9	13	15	16	17	28
" " Simple Cont^d fever	3	3	–	5	6	5	4	5	4	1	4	4	4
" " Diarrhœa - -	21	16	20	25	21	23	72	145	249	339	434	470	339
" " Simple Cholera -	–	–	–	–	–	–	6	11	7	10	23	24	12
" " Dis. of Respiratory Organs -	199	204	206	270	200	204	236	188	180	202	151	159	155
" " Phthisis - -	171	151	208	162	169	192	187	170	149	163	169	193	173
" " Heart Diseases -	79	77	69	91	71	95	105	76	79	61	78	71	93
Violent Deaths - - -	75	59	55	59	49	48	46	60	71	46	50	50	57
Inquest Cases - - -	109	85	92	94	76	86	76	94	116	76	86	85	91
Deaths in Public Institutions	274	298	280	283	236	257	308	274	250	276	261	254	257
TEMPERATURE OF THE AIR:													
Mean - - - - -	58·0°	51·8°	52·7°	57·1°	55·7°	59·0°	70·7°	60·1°	61·9°	66·8°	65·2°	60·5°	65·9°
Mean of Highest readings -	67·6	62·2	62·4	68·0	64·6	71·3	82·8	70·3	71·8	78·9	76·0	71·5	76·3
Mean of Lowest readings -	50·7	44·2	45·5	48·1	49·1	48·0	57·9	51·7	54·0	54·6	58·1	52·6	56·9
Mean Temperature of the Water of the Thames -	60·9	59·7	58·3	58·5	60·6	60·3	65·1	67·9	66·1	66·5	69·5	68·6	66·7
Humidity of the Air - -	75	77	81	79	77	76	63	78	70	70	81	77	76
Rain-fall in inches - -	0·63	0·81	0·39	0·80	1·28	0·99	0·61	0·94	0·02	0·00	0·21	0·25	2·22
Registered Sunshine (in hours)	48·3	36·4	29·3	25·3	39·8	42·4	73·9	21·6	33·3	56·4	37·6	30·7	54·5

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-SECOND Week of the Year 1878.

USES OF DEATH.	Average in the Thirty-second Weeks of the 10 years 1868-77.*	In the Week ending Saturday, August 10, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
ean Temperature -	63·9	65·9							
CAUSES - -	1522·3	1694	676	256	100	187	227	208	40
CIFIED CAUSES	1517·3	1691	674	256	100	186	227	208	40
I. ZYMOTIC.									
ORDER 1.									
mall-pox - - -	16·1	14	1	2	4	6	-	1	-
leasles - - -	28·2	14	4	10	-	-	-	-	-
carlet Fever - -	53·9	26	1	16	8	-	1	-	-
iphtheria - -	6·1	11	-	6	4	1	-	-	-
uinsy - - -	·5	-	-	-	-	-	-	-	-
roup - - -	8·6	7	2	5	-	-	-	-	-
Whooping-cough -	37·9	77	41	34	2	-	-	-	-
yphus - - -		-	-	-	-	-	-	-	-
nteric or Typhoid Fev.	28·1	28	1	3	12	9	2	1	-
imple continued Fev.		4	-	1	1	1	1	-	-
rysipelas - -	8·4	6	2	1	-	1	1	1	-
uerperal Fev. (Metria)	4·0	4	-	-	-	4	-	-	-
arbuncle - -	·8	1	-	-	-	-	1	-	-
nfluenza - - -	·1	-	-	-	-	-	-	-	-
ysentery - -	2·7	1	1	-	-	-	-	-	-
iarrhœa - - -	298·9	339	263	58	1	-	6	9	2
imple Cholera - -	17·5	12	6	2	-	-	2	2	-
ague - - - -	·1	-	-	-	-	-	-	-	-
emittent Fever -	-	-	-	-	-	-	-	-	-
heumatism - -	7·8	9	-	-	1	5	2	1	-
ther *Zymotic* Diseases	·3	-	-	-	-	-	-	-	-
ORDER 2.									
yphilis - - -	9·2	11	8	2	-	1	-	-	-
tricture of Urethra -	1·2	1	-	-	-	-	-	1	-
ydrophobia - -	·3	-	-	-	-	-	-	-	-
landers - - -	-	-	-	-	-	-	-	-	-
ORDER 3.									
rivation - - -	·4	-	-	-	-	-	-	-	-
Want of Breast-milk	18·3	24	23	1	-	-	-	-	-
urpura and Scurvy -	2·4	5	1	2	-	1	-	1	-
lcoholism { *a* Del. Tremens	1·9	4	-	-	-	1	1	2	-
lcoholism { *b* Intemperance	1·9	3	-	-	-	1	2	-	-
ORDER 4.									
hrush - - -	6·2	3	3	-	-	-	-	-	-
Worms, &c. - -	·1	-	-	-	-	-	-	-	-
ONSTITUTIONAL.									
ORDER 1.									
out - - - -	2·5	-	-	-	-	-	-	-	-
ropsy - - -	8·6	10	2	-	1	1	1	4	1
ancer - - -	35·7	33	1	-	-	2	15	14	1
ancrum Oris (Noma)	·3	1	1	-	-	-	-	-	-
ortification - -	2·2	6	1	-	-	-	-	4	1
ORDER 2.									
crofula - - -	10·7	8	2	4	-	1	1	-	-
abes Mesenterica -	40·0	50	35	13	1	1	-	-	-
hthisis - - -	148·1	173	7	7	15	77	57	10	-
ydrocephalus - -	26·1	33	23	9	1	-	-	-	-
III. LOCAL.									
ORDER 1.									
ephalitis - - -	18·4	24	7	10	3	2	2	-	-
poplexy - - -	31·6	43	3	1	-	5	15	19	-
aralysis - - -	25·0	20	1	1	-	2	5	8	3
nsanity - - -	2·2	2	-	-	-	-	2	-	-
horea - - -	-	-	-	-	-	-	-	-	-
pilepsy - - -	6·6	6	-	-	-	2	2	1	1
onvulsions - -	49·4	44	32	12	-	-	-	-	-
Brain Disease, &c. -	16·2	17	-	1	2	4	4	4	2
ORDER 2.									
Pericarditis - -	2·5	4	1	-	1	-	-	2	-
Aneurism - - -	2·3	2	-	-	-	1	1	-	-
Heart Disease, &c. -	59·9	87	1	-	6	12	41	26	1
ORDER 3.									
Laryngitis - - -	4·6	5	1	3	-	-	1	-	-
Bronchitis - - -	60·7	86	20	17	2	5	11	23	8
Pleurisy - - -	4·1	5	-	1	3	-	1	-	-
Pneumonia - -	46·1	48	16	12	3	7	6	3	1
Asthma - - -	3·8	4	-	-	-	-	1	3	-
Lung Disease, &c. -	9·8	7	2	2	-	1	1	1	-

CAUSES OF DEATH.	Average in the Thirty-second Weeks of the 10 years 1868-77.*	In the Week ending Saturday, August 10, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature -	63·9	65·9							
ORDER 4.									
1. Gastritis - - -	3·3	-	-	-	-	-	-	-	-
2. Enteritis - - -	9·8	22	15	5	1	-	-	1	-
3. Peritonitis - - -	5·2	6	-	1	2	2	-	1	-
4. Ascites - - -	2·8	1	-	-	-	-	-	1	-
5. Ulceration of Intestines	4·3	3	-	-	1	1	1	-	-
6. Hernia - - -	2·8	1	-	-	-	-	-	1	-
7. Ileus - - - -	4·2	6	-	-	-	1	2	3	-
8. Intussusception -	1·4	1	-	-	-	-	-	1	-
9. Stricture of Intestines	·7	-	-	-	-	-	-	-	-
10. Fistula - - -	·5	1	-	-	-	-	1	-	-
11. *Stomach Disease, &c.* -	8·4	7	1	-	-	-	3	3	-
12. *Pancreas Disease, &c.*	—	-	-	-	-	-	-	-	-
13. Hepatitis - - -	3·3	2	-	-	-	-	2	-	-
14. Jaundice - - -	5·5	8	6	-	-	-	1	1	-
15. *Liver Disease, &c.* -	19·6	20	-	-	-	4	9	6	1
16. *Spleen Disease, &c.* -	·7	1	-	1	-	-	-	-	-
ORDER 5.									
1. Nephritis - - -	2·2	1	-	-	-	1	-	-	-
2. Ischuria - - -	—	-	-	-	-	-	-	-	-
3. Bright's Dis. (Nephria)	9·5	12	-	-	-	3	5	4	-
4. Diabetes - - -	1·2	5	-	-	1	2	1	1	-
5. Calculus (Stone) -	·4	2	-	-	-	-	-	2	-
6. Cystitis - - -	1·3	-	-	-	-	-	-	-	-
7. *Kidney Disease, &c.* -	8·9	4	-	-	-	-	1	3	-
ORDER 6.									
1. Ovarian Dropsy -	·9	1	-	-	-	1	-	-	-
2. *Uterus Disease, &c.* -	4·5	3	-	-	-	2	1	-	-
ORDER 7.									
1. Synovitis (Arthritis)	·2	-	-	-	-	-	-	-	-
2. *Joint Disease, &c.* -	6·1	9	-	-	5	1	1	2	-
ORDER 8.									
1. Phlegmon - - -	3·5	3	1	-	1	-	1	-	-
2. Ulcer - - - -	·6	-	-	-	-	-	-	-	-
3. *Skin Disease, &c.* -	1·1	2	-	1	-	-	1	-	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth -	24·0	23	23	-	-	-	-	-	-
2. Cyanosis - - -	1·8	4	4	-	-	-	-	-	-
3. Spina Bifida - -	1·7	1	1	-	-	-	-	-	-
4. Other Malformations	1·3	1	1	-	-	-	-	-	-
5. Teething - - -	13·7	17	12	5	-	-	-	-	-
ORDER 2.									
1. Paramenia - - -	·1	-	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever) - -	5·2	3	-	-	-	3	-	-	-
ORDER 3.									
1. Old Age - - -	37·4	46	-	-	-	-	-	28	18
ORDER 4.									
1. Atrophy and Debility	91·2	96	86	3	-	-	2	5	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	17·1	17	1	1	6	3	2	4	-
2. Wounds { Gunshot	·6	1	-	-	1	-	-	-	-
2. Wounds { Cut, Stab		-	-	-	-	-	-	-	-
3. Burns and Scalds -	2·6	3	-	2	-	1	-	-	-
4. Poison - - -	·9	2	-	-	-	-	2	-	-
5. Drowning - - -	9·0	14	-	-	9	4	1	-	-
6. Suffocation - -	6·8	7	7	-	-	-	-	-	-
7. Otherwise - - -	5·0	5	1	1	1	-	2	-	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	2·0	3	2	-	-	1	-	-	-
ORDER 4. SUICIDE.)									
1 Wounds { Gunshot -	·5	-	-	-	-	-	-	-	-
1 Wounds { Cut, Stab -	·9	-	-	-	-	-	-	-	-
2. Poison - - -	·9	2	-	-	1	1	-	-	-
3. Drowning - - -	1·3	1	-	-	-	-	1	-	-
4. Hanging - - -	·8	2	-	-	-	1	1	-	-
5. Otherwise - - -	·3	-	-	-	-	-	-	-	-
ORDER 5. (EXECUTION.)									
1. Hanging - - -	—	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - -	·4	-	-	-	-	-	-	-	-
Causes not specified or ill-defined - - -	4·6	3	2	-	-	1	-	-	-

These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered ing 1878.

The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, nslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
LONDON	3,254,260	2241	1694	676	248	14	14	26	11	77	–	28	4	339	57	91	257
WEST DISTRICTS	561,359	372	255	93	39	1	4	5	1	14	–	4	1	52	4	8	38
NORTH DISTRICTS	751,729	553	398	164	71	3	2	10	3	20	–	10	2	68	13	20	58
CENTRAL DISTRICTS	334,369	153	134	45	17	–	–	–	2	1	–	2	–	20	9	16	32
EAST DISTRICTS	639,111	417	343	135	59	1	2	3	1	10	–	2	–	73	12	19	63
SOUTH DISTRICTS	967,692	746	564	239	62	9	6	8	4	32	–	10	1	126	19	28	66
WEST DISTRICTS.																	
St. Mary Paddington *WH* G.J. & W.M.	58728	40	17	6	5	–	–	–	1	–	–	–	–	2	–	–	2
St. John Paddington *H* - - G.J.	38085	11	13	4	2	–	–	1	–	–	–	1	–	1	–	–	3
Kensington Town *W* - - - W.M.	91645	75	35	18	4	–	2	–	–	4	–	1	–	12	–	1	1
Brompton *H* - - - W.M. & C.	28654	12	17	6	2	–	–	–	–	–	–	1	–	4	–	1	1
St. Peter Hammersmith - - W.M.	6662	1	5	1	–	–	–	–	–	–	–	–	–	1	–	–	–
St. Paul Hammersmith *H* W.M. & G.J.	36029	35	31	15	1	–	1	2	–	2	–	–	–	10	2	3	–
Fulham *WwH* - - - W.M. & C.	23350	39	25	11	2	1	–	2	–	2	–	–	–	5	–	–	4
Chelsea South *HHH* - - - C.	26420	25	15	6	1	–	–	–	–	–	–	–	–	4	–	–	1
Chelsea North-west *WHHHH* - C.	22926	16	12	2	4	–	–	–	–	–	–	–	–	3	–	–	7
Chelsea North-east - - - C.	21392	8	7	1	1	–	1	–	–	–	–	–	–	2	–	1	–
Hanover Square *H* - - - G.J.	18698	19	5	–	3	–	–	–	–	–	–	–	–	1	–	–	–
May Fair *WW* - - - - G.J.	13358	4	12	2	6	–	–	–	–	–	–	–	–	1	–	–	7
Belgrave *HH* - - - - C.	57972	26	16	6	3	–	–	–	–	–	–	–	–	2	1	–	4
St. John Westminster *HH* - - C.	38478	23	8	2	–	–	–	–	–	1	–	–	1	1	–	1	–
St. Margaret Westminster *WH* - C.	27781	12	9	2	–	–	–	–	–	–	–	–	–	–	–	–	5
Golden Square *WH* - - - G.J.	12860	5	8	1	3	–	–	–	–	1	–	–	–	–	–	–	3
Berwick-street *H* - N.R. & G.J.	20759	10	9	4	1	–	–	–	–	3	–		–	1	–	–	–
St. Anne Soho *HHHHH* - - N.R.	17562	11	11	6	1	–	–	–	–	1	–	1	–	2	1	1	–
NORTH DISTRICTS.																	
All Souls Marylebone *HHHH* - W.M.	28579	16	16	4	4	–	–	–	–	2	–	–	–	2	1	4	–
Cavendish Square *HH* - - - W.M.	15425	7	5	–	2	–	1	–	–	–	–	–	–	–	–	1	–
Rectory Marylebone *WH* G.J. & W.M.	26384	17	18	4	6	–	–	–	–	–	–	–	–	2	–	–	12
St. Mary Maryleb. *HHH* G.J. & W.M.	21786	20	8	5	–	–	–	–	–	1	–	–	–	2	–	–	–
Christchurch Marylebone *H* - W.M.	33944	17	17	10	–	–	–	–	–	5	–	–	–	3	–	–	–
St. John Marylebone *H* - - W.M.	33136	18	19	10	1	–	–		1	1	–	1	–	2	–	–	–
Hampstead *WwHH* - N.R. & W.M.	32281	12	11	4	4	1	–	–	–	–	–	–	–	2	–	–	2
Regent's Park Pancras - - - W.M.	38200	18	11	5	3	–	–	–	–	–	–	–	–	1	–	1	–
Tottenham-court *wHHH* N.R.&W.M.	29370	13	16	4	5	–	–	1	–	–	–	–	–	1	2	2	10
Gray's Inn Lane *HHH* - - N.R.	29221	18	13	8	–	–	–	1	–	1	–	–	–	4	1	1	2
Somers Town - - - - N.R.	38533	32	15	8	2	–	–	–	–	1	–	–	–	4	–	–	–
Camden Town *WH* - - - N.R.	17943	23	8	2	2	–	–	–	–	–	–	–	–	2	–	–	4
Kentish Town *w* - - - - N.R.	68198	64	32	13	3	–	–	2	–	3	–	1	–	9	1	2	2
Islington West *HHH* - - - N.R.	97820	76	37	21	5	2	–	1	–	1	–	1	–	10	1	1	1
Islington East *WwwH* - - - N.R.	115958	93	87	36	18	–	–	4	1	2	–	2	1	14	4	4	10
Stoke Newington *H* - - - N.R.	9841	18	11	4	2	–	–	1	–	–	–	1	–	2	–	–	–
Stamford Hill - - - - E.L.	6598	5	3	1	–	–	–	–	–	–	–	1	–	1	–	–	–
West Hackney - - - - N.R.	28069	19	17	7	4	–	–	–	–	1	–	–	1	4	–	1	–
Hackney *WwwHL* - - E.L.&N.R.	50104	39	36	10	8	–	–	–	1	–	–	3	–	1	3	3	15
South Hackney - - - - E.L.	30339	28	18	8	2	–	1	–	–	2	–	–	–	2	–	–	–
CENTRAL DISTRICTS.																	
St. George Bloomsbury - - N.R.	17853	10	3	1	1	–	–	–	–	–	–	–	–	1	–	–	–
St. Giles South *WH* - - - N.R.	19109	13	16	6	3	–	–	–	–	–	–	–	–	3	–	1	6
St. Giles North - - - - N.R.	16594	8	5	1	–	–	–	–	–	–	–	–	–	1	1	1	–
St. Martins-in-the-Fields* - N.R. & C.	21238	4	8	1	–	–	–	–	–	–	–	–	–	–	2	3	5
St. Mary-le-Strand - - - N.R.	9378	4	8	5	–	–	–	–	–	–	–	–	–	1	–	1	–
St. Clement Danes *H* - - - N.R.	10723	8	9	2	1	–	–	–	–	–	–	–	–	–	–	–	6
St. George-the-Martyr *HHHHH* N.R.	20521	4	7	2	2	–	–	–	–	–	–	–	–	1	–	1	3
St. Andrew Eastern *W* - - N.R.	13529	4	4	–	1	–	–	–	–	–	–	–	–	–	–	–	3
Saffron Hill *H* - - - - N.R.	9066	2	6	2	2	–	–	–	–	–	–	–	–	1	–	1	–
St. James Clerkenwell *W* - - N.R.	18917	15	9	5	1	–	–	–	–	–	–	–	–	–	–	–	1
Amwell Clerkenwell - - - N.R.	16884	7	4	2	–	–	–	–	–	–	–	–	–	1	–	–	–
Pentonville - - - - - N.R.	13337	5	1	1	–	–	–	–	–	–	–	–	–	1	–	–	–
Goswell-street - - - - N.R.	16242	7	8	3	1	–	–	–	–	1	–	–	–	2	–	–	–
Old-street *H* - - - - N.R.	12161	9	3	2	–	–	–	–	–	–	–	1	–	–	–	–	–
City-road *HHL* - - - - N.R.	18301	18	7	1	–	–	–	–	2	–	–	–	–	1	–	–	–
Whitecross-street - - - - N.R.	13792	6	4	1	1	–	–	–	–	–	–	–	–	1	–	–	–
Finsbury - - - - - N.R.	10741	2	1	1	–	–	–	–	–	–	–	–	–	1	–	–	–
St. Botolph *H* - - - N.R.&E.L.	14540	12	4	3	1	–	–	–	–	–	–	–	–	2	–	–	–
Cripplegate - - - - - N.R.	13638	3	5	2	–	–	–	–	–	–	–	–	–	–	2	3	–
St. Sepulchre *H* - - - - N.R.	7562	4	8	–	1	–	–	–	–	–	–	–	–	–	1	1	7
St. Bride *W* - - - - - N.R.	11185	4	5	1	–	–	–	–	–	–	–	–	–	1	3	3	1
Castle Baynard - - - - N.R.	4426	2	2	–	1	–	–	–	–	–	–	1	–	–	–	–	–
Christchurch - - - - N.R.	6270	–	1	1	–	–	–	–	–	–	–	–	–	1	–	–	–
Queenhithe - - - - - N.R.	4753	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Allhallows Barking - - - N.R.	5764	–	4	1	–	–	–	–	–	–	–	–	–	1	–	1	–
Broad Street *H* - - - - N.R.	7845	1	2	1	1	–	–	–	–	–	–	–	–	–	–	–	–

* On 1st August the sub-districts of Long Acre and Charing Cross were united for registration purposes under the name of St. Martins-in-the-Fields sub-district.

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifies Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East London; and K. the Kent Company.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
urday, 10th August 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
olywell Shoreditch - N R. & E.L.	12430	6	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-
t. Leonard Shoreditch *HL*† - N.R.	16545	8	8	4	1	-	-	-	-	1	-	-	-	-	-	-	-
oxton New Town *w* - - N.R.	27835	17	13	6	2	-	2	-	-	1	-	-	-	3	-	-	2
oxton Old Town - - N.R.	26933	17	10	4	1	-	-	-	-	-	-	-	-	2	-	-	-
aggerston *WH* - - N.R. & E.L.	43421	32	24	9	6	-	-	1	-	1	-	-	-	3	-	3	8
ackney-road *H* - - - - E.L.	29822	28	15	8	-	-	-	-	-	1	-	-	-	4	-	-	-
reen, Bethnal Green *WHL*† - E.L.	42433	35	33	11	9	-	-	-	-	-	-	-	-	6	-	-	7
hurch, Bethnal Green - - E.L.	26577	13	8	3	2	-	-	-	-	-	-	1	-	-	1	1	-
own, Bethnal Green - - - E.L.	21272	10	6	2	2	-	-	1	-	-	-	-	-	-	-	-	-
pitalfields *H* - - E.L. & N.R.	22499	7	5	3	1	-	-	-	-	-	-	-	-	1	-	-	-
ile End New Town *W* - E L.	15550	10	16	2	3	-	-	-	-	1	-	-	-	2	-	-	12
hitechapel North - E.L. & N.R.	11597	6	4	1	1	-	-	-	-	-	-	-	-	-	-	2	-
hitechapel Church *H* - - E.L.	7322	4	16	3	4	-	-	-	-	-	-	-	-	1	-	-	11
oodman's Fields - - - - E.L.	10381	5	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
ldgate - - - - N R. & E.L.	9224	5	4	3	1	-	-	-	-	-	-	-	-	1	-	-	-
t. Mary St. George East - - E.L.	17900	11	10	4	2	-	-	-	-	-	-	-	-	3	-	1	-
t. Paul St. George East - - E.L.	21350	11	9	3	1	-	-	-	-	-	-	-	-	2	2	3	-
t. John St. George East *W* - E.L.	8802	6	3	-	2	-	-	-	-	-	-	-	-	-	-	-	1
hadwell *H* - - - E.L. & N.R.	11640	5	10	-	1	-	-	-	-	-	-	-	-	1	1	1	7
atcliff - - - - - - E.L.	16131	9	6	2	1	1	-	-	-	1	-	-	-	1	2	2	-
imehouse - - - - - E.L.	29919	20	15	8	2	-	-	1	-	1	-	-	-	6	1	1	-
ile End Old Town West - - E.L.	38128	22	14	6	3	-	-	-	-	-	-	-	-	3	-	-	-
ile End Old Town East *WwwH* - E.L.	55024	39	31	18	3	-	-	-	-	1	-	1	-	14	2	2	3
ow *wwwH* - - - - - E.L.	67765	61	50	17	8	-	-	-	-	2	-	-	-	8	1	1	11
oplar *WW* - - - - - E.L.	48611	30	27	15	2	-	-	-	1	-	-	-	-	12	2	2	1
SOUTH DISTRICTS.																	
hristchurch Southwark *WH* L. & S.	14573	9	10	5	1	-	-	1	-	-	-	-	-	2	-	-	-
t. Saviour Southwark *H* - - S.	15677	10	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
ent-road - - - S. & L.	20421	9	14	6	2	-	-	-	-	2	-	1	-	2	-	-	-
orough-road *WH* - - S. & L.	16695	14	11	3	2	1	-	-	1	1	-	-	-	1	1	1	2
ondon-road *HL* - - L. & S.	18961	13	14	5	-	-	1	-	-	3	-	-	-	2	1	-	-
rinity Newington - - S. & L.	23682	8	8	3	-	-	-	1	-	-	-	-	-	1	-	-	-
t. Peter Walworth *W* - S. & L.	48248	28	41	19	9	-	-	1	-	2	-	-	-	10	-	-	11
t. Mary Newington - - L. & S.	16792	11	9	3	2	-	-	-	-	-	-	-	-	4	-	-	-
t. Olave Southwark *H* - - S.	4373	4	11	1	-	-	-	-	-	-	-	3	-	1	1	1	9
t. John Horsleydown *W* - - S.	10500	5	6	3	2	-	-	-	-	1	-	-	-	3	1	1	1
eather Market - - S. & L.	16787	7	11	5	-	-	2	-	-	1	-	-	-	4	-	1	-
t. Mary Magdalen *W* - - S.	15709	4	16	4	1	1	1	-	-	1	-	-	-	3	-	-	6
t. James Bermondsey - - S.	47933	45	26	8	4	-	-	-	1	2	-	-	-	6	-	1	-
otherhithe *W.* - - - S. & K.	27096	31	24	13	4	-	-	-	-	-	-	-	-	8	2	2	3
aterloo-road 1st *H* - - L. & S.	14074	12	8	4	-	-	-	-	-	-	-	-	1	1	-	-	1
aterloo-road 2nd *H* - - L. & S.	18465	12	12	5	-	-	-	-	-	-	-	-	-	-	1	1	-
ambeth Church 1st *H* - L. & S.	19492	21	17	7	2	-	-	-	-	-	-	-	-	5	2	3	5
ambeth Church 2nd *WW* - L. & S.	35833	28	15	7	4	-	-	-	-	-	-	-	-	5	-	-	6
ennington 1st - - - S. & L.	41286	29	19	10	1	-	-	-	-	3	-	-	-	3	-	2	-
ennington 2nd - - - S. & L.	31221	16	11	3	3	-	-	-	-	1	-	1	-	2	-	-	-
rixton *w* - - - - L. & S.	35435	29	23	8	2	-	-	1	-	-	-	2	-	3	-	-	2
orwood *W* - - - - - L.	12536	17	10	6	-	-	-	-	-	-	-	-	-	4	-	-	-
lapham *H* - - - - - S.	27347	17	6	2	1	-	-	-	-	1	-	-	-	1	1	-	1
attersea *Ww* - - - - S.	54016	51	49	27	2	-	2	1	-	5	-	-	-	14	2	2	3
andsworth *HL* - - - S.	19783	11	4	2	1	-	-	-	-	1	-	-	-	-	1	1	-
utney - - - - - - S.	9439	7	5	2	-	-	-	-	-	-	-	-	-	1	-	-	-
treatham - - - - - L.	14475	14	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-
ulwich - - - - L. & S.	4041	3	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-
amberwell *WL*†*L*† - - S. & L.	31254	24	16	9	2	-	-	-	-	-	-	-	-	2	3	4	1
eckham *W* - - - S., L., & K.	42160	41	35	21	1	-	-	-	-	3	-	-	-	11	-	3	-
t. George Camberwell - - L. & S.	33851	34	20	14	-	-	-	2	1	-	-	-	-	3	1	2	-
t. Paul Deptford *w* - - - K.	53714	42	31	11	3	7	-	-	-	1	-	2	-	8	-	-	6
t. Nicholas Deptford - - - K.	6474	4	5	3	-	-	-	-	-	-	-	-	-	3	-	-	-
reenwich West - - - - K.	21034	16	11	5	1	-	-	-	-	-	-	-	-	3	-	-	-
reenwich East *WH* - - - K.	19378	27	10	-	1	-	-	-	-	-	-	-	-	2	-	-	5
eltham *H* - - - - - K.	4539	3	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
ee - - - - - - K.	16440	16	5	2	1	-	-	-	-	2	-	-	-	-	-	-	-
ewisham Village *WH* - - K.	11513	13	7	3	2	-	-	-	-	1	-	-	-	1	-	-	1
ydenham *H* - - - - L.	19065	10	8	2	1	-	-	1	1	-	-	-	-	2	-	-	-
harlton *H* - - - - - K.	9564	4	4	1	1	-	-	-	-	-	-	1	-	1	1	1	-
oolwich Dockyard - - - K.	17226	12	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-
oolwich Arsenal *WHH* - - K.	18331	17	9	-	1	-	-	-	-	-	-	-	-	1	1	1	-
lumstead, West - - - - K.	13027	6	3	1	-	-	-	-	-	-	-	-	-	1	-	-	-
lumstead, East *W* - - - K.	15232	12	8	4	1	-	-	-	-	1	-	-	-	1	-	-	3

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the ove Table by *w*:—

Central London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary " " "
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.
London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 10th August 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public
	LONDON—OUTER RING	368,414	631,381	577	390	171	64	1	8	6	1	24	1	79	9	10	3
29 : 1	Carshalton *wL* - - -	12228	13523	9	7	1	1	-	-	-	-	-	-	1	-	-	-
2	Epsom (*part of*) * *WH* -	9971	9145	7	3	2	1	-	-	-	-	-	-	1	-	-	-
36 : 1	Godstone (*part of*) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	54	34	17	7	-	-	-	-	3	-	6	-	-	4
2	Mitcham *WH* - - -	11697	12534	6	8	5	-	-	-	-	-	-	-	2	-	-	-
38 : 1	Wimbledon *HH* - -	3220	9087	8	2	2	-	-	-	-	-	-	-	-	-	-	-
2	Kingston *WH* - - -	8549	27489	28	17	3	4	-	-	-	-	-	-	1	1	1	1
3	Esher (*part of*) * - -	6601	7353	3	6	3	3	-	-	-	-	-	-	3	1	1	-
4	Hampton - - - -	4573	10185	12	3	1	1	-	-	-	-	-	-	-	-	-	-
39 : 1	Richmond *WH* - - -	2271	16829	15	4	1	-	-	-	-	-	-	-	-	-	-	-
2	Mortlake - - - -	2961	9316	9	6	4	-	-	-	-	-	2	-	1	1	1	-
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	16	10	7	1	-	-	-	1	4	-	-	-	-	1
2	Chislehurst (*part of*) * *W* -	13665	10028	9	6	2	1	-	-	-	-	-	-	1	-	-	2
41 : 1	Bexley *H* - - - -	13439	19566	16	7	2	2	-	-	-	-	-	-	1	1	2	-
123 : 1	Sunbury *W* - - -	11055	9860	11	5	1	-	-	-	-	-	-	-	1	-	-	-
2	Staines *W* - - - -	13277	10339	6	6	1	1	-	-	-	-	-	-	1	-	-	-
124 : 1	Hillingdon *WH* - - -	6029	9712	7	6	2	2	-	-	-	-	-	-	1	-	-	-
2	Uxbridge - - - -	6178	5329	3	5	1	2	-	-	-	-	1	-	-	-	-	-
3	Hayes *WL* - - - -	14587	10497	5	6	1	3	-	-	-	-	-	-	1	-	-	3
125 : 1	Isleworth *W* - - -	7008	19930	17	13	5	1	-	-	-	-	-	-	2	1	1	3
2	Twickenham - - -	2477	10533	14	10	4	1	-	4	-	-	-	-	-	-	-	-
3	Brentford *HL* - - -	4370	20279	18	10	2	1	-	1	3	-	-	-	2	-	-	-
4	Chiswick - - - -	1311	8508	15	4	4	-	-	-	-	-	-	-	2	-	-	-
5	Acton *WH* - - - -	6087	12683	22	9	4	-	-	-	1	-	1	-	4	-	-	-
126 : 1	Harrow *H* - - - -	13809	10869	4	6	2	4	-	-	-	-	-	-	-	-	-	-
2	Edgware *H* - - -	6994	3450	4	2	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	15	15	10	1	1	-	-	-	1	-	5	1	1	-
4	Hendon *WH* - - -	8382	6972	7	7	1	3	-	-	-	-	-	-	2	1	1	2
127 : 1	South Mimms - - -	15419	5924	7	2	-	2	-	-	-	-	-	-	-	-	-	-
2	Barnet *W* - - - -	5423	7752	5	2	1	1	-	-	-	-	-	-	-	-	-	-
3	Finchley *L* - - - -	4688	11493	3	10	3	2	-	-	-	-	-	-	1	-	-	3
128 : 1	Hornsey *H* - - - -	3039	19357	16	12	2	3	-	-	-	-	1	-	3	-	-	-
2	Tottenham *H* - - -	4642	22869	26	16	9	-	-	-	-	-	3	-	1	-	-	-
3	Edmonton *WW* - - -	7483	13860	16	8	4	2	-	-	-	-	-	-	1	-	-	1
4	Enfield *WH* - - -	12653	16054	17	10	3	1	-	-	2	-	-	-	-	-	-	-
5	Waltham Abbey - - -	11017	5197	2	2	1	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	4	4	-	3	-	-	-	-	-	-	-	-	-	-
134 : 1	Hatfield (*part of*) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	5	4	2	1	-	-	-	-	-	-	-	-	-	-
185 : 1	Stratford - - - -	882	23286	25	17	8	1	-	-	-	-	1	1	3	-	-	-
2	West Ham *WWWW* - -	7345	44642	67	40	25	1	-	2	-	-	3	-	18	1	1	-
3	Leyton *WW* - - -	4274	15513	13	22	13	2	-	-	-	-	1	-	10	-	-	3
4	Walthamstow *H* - -	6619	15701	12	10	5	1	-	-	-	-	1	-	2	-	-	-
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	5	4	1	3	-	-	-	-	-	-	1	-	-	-
188 : 1	Romford (*part of*) * - -	6730	2879	3	2	1	-	-	-	-	-	1	-	-	-	-	-
2	Ilford - - - - -	8492	5947	4	3	2	1	-	1	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	7	5	3	-	-	-	-	-	1	-	1	1	1	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:—29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903); 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoydon-Bois (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 10th August, 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	
REATER LONDON	446,494	4,450,015	24·4	7·4	2084	847	312	15	22	32	12	101	33	418	66	290
INNER LONDON -	78,080	3,577,304	24·7	7·5	1694	676	248	14	14	26	11	77	32	339	57	257
OUTER RING -	368,414	872,711	23·3	7·2	390	171	64	1	8	6	1	24	1	79	9	33

NOTE.—The area of the Greater London is 446,494 acres; of which 4,997 acres are tidal water and foreshore. This area is equal 697·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than miles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,758,933 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	June	29	–	253	30·7	Small-pox 44; cholera 9; fevers 65.
BOMBAY - -	644,405	July	9	–	491	39·6	Small-pox 10; cholera 42.
MADRAS - -	397,552	June	21	300	287	37·5	Small-pox 9; fevers 90; dysentery 21.
PARIS - -	1,988,806	August	8	–	990	25·9	Sm.-pox 2; typhd. fev. 19; diarrhœal diseases 70.
GENEVA - -	68,792	"	3	27	26	19·7	—
BRUSSELS - -	175,782	July	27	105	91	27·0	Diarrhœal diseases 22.
AMSTERDAM -	302,266	"	27	205	150	26·5	Typhus and typhoid fev. 2; whooping-cough 5.
ROTTERDAM -	142,585	"	27	106	85	30·9	Diphtheria 2.
THE HAGUE -	107,896	"	27	88	61	29·3	Diarrhœal diseases 4.
COPENHAGEN -	220,000	"	30	167	116	27·5	Diarrhœal diseases 24; typhoid fever 2.
STOCKHOLM -	152,825	"	27	–	54	18·3	Typhoid fever 3; diarrhœal diseases 15.
CHRISTIANIA -	105,000	August	3	98	27	13·1	Diarrhœal diseases 11.
ST. PETERSBURGH	669,741	July	27	–	533	41·4	Sm.-pox 28; diar. dis. 110; typhus & typhd. fev. 39.
BERLIN - -	1,019,620	"	20	815	638	32·3	Diphtheria 19; diarrhœal diseases 197.
HAMBURG (State)	406,104	"	27	333	209	26·9	Diphtheria and croup 3; diarrhœal diseases 52.
DRESDEN - -	207,845	"	27	126	103	25·5	—
BRESLAU - -	267,000	August	3	212	160	31·2	Fevers 3; diarrhœal diseases 36.
MUNICH - -	222,000	"	3	189	142	33·0	Diphtheria and croup 10; diarrhœal diseases 30.
VIENNA - -	727,271	"	3	498	337	24·1	Small-pox 12; diph. 10; diarrhœal diseases 28.
BUDA-PESTH -	319,530	July	27	235	236	38·4	Small-pox 3; scarlet fever 12; diarrrhœa 37.
ROME - -	282,214	June	29	113	155	28·7	Diarrhœal diseases 32; typhus & typhd. fev. 4.
NAPLES - -	457,407	July	8	–	–	–	—
TURIN - -	227,843	"	27	139	131	30·0	Small-pox 5; typhus and typhoid fever 4.
VENICE - -	139,796	August	3	–	–	–	—
ALEXANDRIA -	212,034	July	25	142	220	54·1	Whooping-cough 14; diphtheria 2.
NEW YORK -	1,084,528	"	13	–	.741	35·6	Scarlet fev. 12; diph. 15; diarrhœal diseases 281.
BROOKLYN -	549,438	"	6	–	312	29·6	Diarrhœal diseases 109.
PHILADELPHIA -	876,118	"	20	–	358	21·3	Scarlet fever 14; diarrhœal diseases 81.
BALTIMORE -	355,000	"	13	–	180	26·5	Scar. fev. 4; typhd. fev. 5; diarrhœal diseases 36.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 10th AUGUST, 1878.

Under the Superintendence of the Astronomer Royal.]

1878. Month and Day.	Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Difference. Greatest.	Difference. Least.	Difference. Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. Osler's. General Direction. P.M.	Wind. Osler's. Pressure on square foot. Greatest.	Wind. Osler's. Pressure. Least.	Wind. Osler's. Pressure. Mean of 24 Obs.	Wind. Robinson's. Amount of Horizontal Movement of Air each day.	Wind. Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
AUGUST.		in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN. . 4	..	29·596	74·9	55·7	19·2	64·9	57·0	128·1	55·7	68·3	65·3	7·9	17·2	0·8	+ 2·7	76	WSW.	S. & SSE.	0·3	0·0	0·0	145	—115	1·23	8·5
MON. . 5	First Quarter	29·693	78·8	56·7	22·1	67·8	57·0	136·5	56·2	67·1	65·1	10·8	21·8	1·1	+ 5·7	68	SE.	SE. & E.	0·6	0·0	0·0	198	— 77	0·39	16·5
TUES. . 6	..	29·548	77·9	56·9	21·0	66·5	60·7	131·1	53·7	67·3	64·8	5·8	14·6	0·0	+ 4·4	82	ENE. SE. & SW.	SW.	0·9	0·0	0·0	207	— 75	0·14	13·7
WED. . 7	..	29·690	76·5	57·8	18·7	66·0	57·7	134·8	53·7	68·3	65·3	8·3	15·5	0·2	+ 4·0	75	SW.	SW.	1·8	0·0	0·2	306	+ 24	0·00	12·8
THURS. 8	Greatest Dec. S.	29·918	78·3	56·7	21·6	65·9	56·5	140·0	50·3	68·5	65·8	9·4	20·6	0·0	+ 3·9	72	SW. & WSW.	WSW.	1·7	0·0	0·1	288	+ 7	0·00	6·0
FRI. . 9	..	29·903	79·3	54·7	24·6	67·2	54·2	143·4	48·5	68·8	65·8	13·0	23·3	0·0	+ 5·1	63	SW. & SSW.	SSW. & SE.	0·0	0·0	0·0	135	—140	0·00	6·3
SAT. . 10	..	29·504	68·6	59·5	9·1	63·3	61·5	83·5	55·2	68·3	65·3	1·8	5·8	0·5	+ 1·2	94	SE.	SW. & W.	0·3	0·0	0·0	197	— 68	0·46	9·3
MEANS .	..	29·693	76·3	56·9	19·5	65·9	57·8	128·2	53·3	68·1	65·3	8·1	17·0	0·4	+ 3·9	76	SW.		..	..	..	Sum 1476	Sum —444	Sum 2·22	10·4
No. of Col.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. AUGUST.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY .	4	Positive at all times of observation. The instrument was not examined during the thunderstorms.	5·0	15·2	Very violent thunderstorms in early morning; fine till noon; slight thunderstorm with little rain about 2h. P.M.; sharp thunderstorm in evening. Fine with lightning at night.
MONDAY .	5	Positive throughout the day; negative at night.	8·5	15·1	Showery in early morning; fine till evening; overcast at night with violent rain and lightning.
TUESDAY .	6	Strong positive throughout.	9·0	15·1	Rain with lightning in early morning; fine and partially cloudy till evening; slight shower at night.
WEDNESDAY	7	Positive with variable tension.	9·0	15·0	Fine; partially cloudy.
THURSDAY .	8	Generally weak positive	11·4	15·0	Fine; partially cloudy till evening, then cloudless.
FRIDAY .	9	Weak positive generally	10·8	14·9	Fine; partially cloudy.
SATURDAY .	10	Positive with variable tension shown generally; negative shown occasionally.	0·8	14·9	Overcast generally. Frequent rain.
..		..	Sum 54·5	Sum 105·2	
No. of Col.		28	29	30	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and — "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Sir E. Y. W. Henderson, R.E., K.C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 29·58 in. at the beginning of the week to 29·72 in. by 9h. A.M. on the 5th; decreased to 29·52 in. by 3h. P.M. on the 6th; increased to 29·98 in. by 9h. P.M. on the 8th; and decreased to 29·48 in. by the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 33. 1878. Vol. XXXIX.] Week ending Saturday, August 17. [Price 1½*d.*

General Register Office, Somerset House,
August 19th, 1878.

United Kingdom.

During last week 5734 *births* and 4057 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality from all causes was at the average rate of 25 deaths annually in every 1000 persons living. The annual death-rate was 19 per 1000 in Edinburgh, 21 in Glasgow, and 29 in Dublin; small-pox caused 20 deaths in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Portsmouth 21, London 22, Plymouth 23, Bristol 24, Oldham 25, Wolverhampton 26, Brighton 26, Manchester 26, Nottingham 26, Sheffield 26, Leicester 27, Bradford 28, Sunderland 29, Newcastle-upon-Tyne 29, Leeds 31, Salford 32, Liverpool 33, Birmingham 33, Norwich 34, and again the highest rate 35 in Hull. The annual death-rate from the seven principal zymotic diseases averaged 8·3 per 1000 in the twenty towns, of which 5·9 was due to diarrhœa. Scarlet fever showed fatal prevalence in Birmingham and Sheffield. Eleven deaths were referred to fever in Bristol, 5 in Liverpool, 5 in Bradford, and 5 in Portsmouth. Small-pox caused 9 deaths in London, but not one in any of the nineteen provincial towns.

The fatal cases of diarrhœa in the twenty towns, which had been 1159 and 947 in the two preceding weeks, further declined to 818 last week. During the past eight weeks the annual death-rate from diarrhœa has averaged 4·8 per 1000 in the twenty towns, and has ranged from 1·5 and 2·3 in Oldham and Bristol, to 11·1 both in Hull and in Leicester.

London.

In London 2421 births and 1517 deaths were registered. Allowing for increase of population, the births exceeded by 21, while the deaths were 59 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 27·4 and 24·7, further declined last week to 22·1.

The 1517 deaths included 9 from small-pox, 10 from measles, 27 from scarlet fever, 11 from diphtheria, 60 from whooping-cough, 17 from different forms of fever, and 263 from diarrhœa; thus to the seven principal diseases of the zymotic class 397 deaths were referred, against 649 and 513 in the two preceding weeks. These 397 deaths were 66 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 5·8 per 1000. The fatal cases of whooping-cough further declined to 60 last week, but exceeded the corrected average by 21; the disease again showed fatal prevalence in Kentish Town, Newington, and Battersea. The deaths from measles and from scarlet fever continue considerably below the average numbers; of the 27 deaths from scarlet fever, 4 occurred in Islington, 4 in Lambeth, and 4 in Camberwell. The 11 fatal cases of diphtheria corresponded with the number in the previous week, and included 3 in Islington, and 2 in Bow and Poplar. The deaths referred to fever, which had been 21 and 32 in the two previous weeks, declined to 17 last week, and were 17 below the corrected average weekly number; 12 fatal cases were certified as enteric or typhoid, 4 as simple continued fever, and one as typhus. The fatal case of typhus occurred in St. Thomas' Hospital, to which the deceased, a youth aged 16 years, was admitted from South Shields. Of the 12 deaths from enteric fever, 2 occurred in Hampstead, 2 in the Homerton Fever Hospital, and 2 in Guy's Hospital. Three new cases of typhus were admitted during the week to the Stockwell Fever Hospital.

The deaths referred to diarrhœa and simple cholera, which had been 494 and 351 in the two preceding weeks, further declined last week to 268, and were 28 below the corrected average number in the corresponding week of the last 10 years; 190 were of infants under one year of age, and 50 of children aged between one and five years.

Infantile diarrhœa again showed a marked excess last week in Kensington, Islington, Bermondsey, and Battersea. During the past eight weeks the annual death-rate from diarrhœa in London has averaged 4·2 per 1000, against 5·4 in the nineteen provincial towns. Only 5 deaths last week were referred to simple cholera and choleraic diarrhœa, against 24 and 12 in the two preceding weeks; 3 were adult cases, all of which were certified as choleraic diarrhœa.

The fatal cases of small-pox, which had been 18 and 14 in the two previous weeks, further declined last week to 9, a lower number than in any week since the beginning of November last; of these, 5 were recorded in the Deptford Hospital, and 4 in private dwelling-houses. Eight of the nine deceased small-pox patients had resided in South London; the 4 cases in private dwelling-houses, included 2 in Deptford, one in Newington, and one in Battersea. Five fatal cases (all of children) were certified as unvaccinated, and one adult case as vaccinated; in the 3 other cases the medical certificates gave no information as to vaccination. The Metropolitan Asylum Hospitals contained 236 small-pox patients on Saturday last, corresponding with the number at the end of the preceding week; 36 new cases were admitted during the week, against 62, 48, and 21 in the three previous weeks. The Highgate Small-pox Hospital contained but 8 patients on Saturday last.

Different forms of violence caused 59 deaths; 49 were the result of negligence or accident, including 10 from fractures and contusions, 5 from burns and scalds, 20 from drowning, 2 from poison, and 6 of infants under one year of age from suffocation. The 10 deaths from fractures and contusions were thus caused:—male aged 23 years, run over by cart; male 26, fell from ladder; male 60 and female 73, fell down stairs; male 45, fell from a height; female 1, fell from a chair; male 7 weeks, by a fall (not stated how); male 63, crushed by a lift in motion; and males 11 and 6, by fracture of skull (not stated how). An inquest was held in each of these cases.

In the large Public Institutions 253 deaths were recorded, or 17 per cent. of the total deaths; of these, 157 occurred in Workhouse Establishments, 92 in Hospitals, and 4 in Lunatic Asylums.

Greater London.

In the Greater London 2884 births and 1851 deaths were registered, equal to annual rates of 33·8 and 21·7 per 1000 of the population. In the Outer Ring the fatal cases of diarrhœa further declined from 116 and 79 in the two preceding weeks, to 69, of which 25 occurred in the district of West Ham. A fatal case of small-pox was returned in Stratford and one in Croydon; the latter was of an unvaccinated infant aged four months. Two deaths were referred to diphtheria in Edmonton.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 24, Bombay 38, Madras 35; Paris 24; Geneva 19; Brussels 32; Amsterdam 21, Rotterdam 30, The Hague 24; Copenhagen 26; Stockholm 24; Christiania 18; St. Petersburgh 40; Berlin 30, Hamburg 26, Dresden 26, Breslau 43, Munich 39; Vienna 26, Buda-Pesth 40; Rome 27, Turin 27, Venice 22; Alexandria 56; New York 34, Brooklyn 29, Philadelphia 25, and Baltimore 24. The annual death-rate from diarrhœal diseases in New York was equal to 14·7 per 1000 in the week ending 20th July, against 4·9 in London during the same week.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·47 in.; the lowest reading was 29·19 in. on Wednesday morning, and the highest 29·84 in. at the end of the week. The mean temperature of the *air* was 62°·2, and 0°·3 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from observations at the Royal Observatory. The mean on Wednesday was 65°·0 and 3°·0 above the average, whereas it fell on Saturday to 59°·9, and showed a deficiency of 1°·3. The lowest night temperature was 50°·7 on Saturday, and the highest day temperature in the shade 76°·6 on Sunday; the extreme range in the week was, therefore, 25°·9. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 150°·0 on Sunday. The difference between the mean *dew-point* and *air* temperature averaged 6°·6. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police ship, was 67°·1. The mean degree of *humidity* of the air was 79, complete saturation being represented by 100; the air was, therefore, of its average dryness. The general direction of the *wind* was South-west, and the horizontal movement of the air averaged 14·8 miles per hour, which was 5·0 above the average in the corresponding week of 16 years. *Rain* fell on six days of the week, to the aggregate amount of 1·08 of an inch. The duration of registered bright sunshine in the week was 41·1 hours, the sun being above the horizon during 102·3 hours; the recorded duration of sunshine was, therefore, equal to 40 per cent of its possible duration.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames was 430,256 cubic metres at Crossness, and 333,711 cubic metres at Barking, equivalent to about as many tons by weight.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, 17th August, 1878.

CITIES AND BOROUGHS. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 17th August, 1878.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
In 23 TOWNS in the UNITED KINGDOM	220,307	8,373,953	38·0	5734	4057	79·0	43·5	60·0	15·56	1·63	4·14
LONDON - - -	75,362	3,577,304	47·5	2421	1517	76·6	50·7	62·2	16·78	1·08	2·74
BRIGHTON - -	2,354	103,923	44·1	66	52	72·5	50·5	61·4	16·33	1·22	3·10
PORTSMOUTH - -	4,486	129,461	28·9	58	52	–	–	–	–	–	–
NORWICH - - -	7,472	84,620	11·3	46	55	–	–	–	–	–	–
PLYMOUTH - -	1,395	73,599	52·8	55	33	70·5	52·0	61·1	16·17	2·43	6·17
BRISTOL - - -	4,452	206,419	46·4	128	93	72·9	50·4	61·6	16·45	2·21	5·61
WOLVERHAMPTON -	3,396	74,240	21·9	47	37	69·7	47·4	58·8	14·89	1·94	4·93
BIRMINGHAM - -	8,400	383,117	45·6	286	244	–	–	–	–	–	–
LEICESTER - -	3,200	121,473	38·0	87	64	–	–	–	–	–	–
NOTTINGHAM - -	9,960	165,267	16·6	109	83	74·0	48·3	60·4	15·78	1·74	4·42
LIVERPOOL - -	5,210	532,681	102·2	400	337	67·7	54·0	59·4	15·22	1·15	2·92
MANCHESTER - -	4,293	360,514	84·0	271	181	–	–	–	–	–	–
SALFORD - - -	5,170	170,251	32·9	133	105	71·5	45·9	58·0	14·44	1·73	4·39
OLDHAM - - -	4,666	107,366	23·0	87	51	–	–	–	–	–	–
BRADFORD - -	7,220	185,088	25·6	142	100	69·2	51·6	59·5	15·28	2·85	7·24
LEEDS - - -	21,572	304,948	14·1	232	181	71·0	52·0	59·9	15·50	1·94	4·93
SHEFFIELD - -	19,651	289,537	14·7	211	147	72·0	51·5	60·0	15·56	1·55	3·94
HULL - - -	3,635	143,139	39·4	119	95	73·0	50·0	59·8	15·45	1·57	3·99
SUNDERLAND - -	2,768	112,459	40·6	89	62	79·0	52·0	61·5	16·39	0·97	2·46
NEWCASTLE-ON-TYNE	5,371	144,570	26·9	93	81	–	–	–	–	–	–
EDINBURGH - -	4,191	222,371	53·1	141	89	73·2	43·5	58·2	14·55	1·07	2·72
GLASGOW - - -	6,033	566,940	94·0	321	231	71·0	45·5	58·0	14·44	1·27	3·23
DUBLIN - - -	10,050	314,666	31·3	192	176	74·9	45·5	60·7	15·95	1·31	3·33

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.
† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday, 17th August, 1878.

BOROUGHS, &c. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
				Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.		
In 20 TOWNS -	25·6	8·3	3570	1376	568	9	26	106	23	115	57	818	108	178	420
LONDON - - -	22·1	5·8	1517	534	280	9	10	27	11	60	17	263	59	104	253
BRIGHTON - -	26·1	6·0	52	18	13	–	–	–	–	–	–	12	1	2	10
PORTSMOUTH - -	21·0	9·3	52	22	4	–	1	–	–	2	5	15	1	1	5
NORWICH - - -	33·9	13·6	55	25	11	–	–	–	–	1	–	21	–	–	3
PLYMOUTH - -	23·4	7·8	33	13	7	–	–	–	–	–	–	11	2	2	–
BRISTOL - - -	23·5	8·8	93	30	20	–	1	–	–	–	11	23	9	11	14
WOLVERHAMPTON -	26·0	8·4	37	13	9	–	–	–	–	1	1	10	3	3	8
BIRMINGHAM - -	33·2	14·7	244	110	29	–	1	25	2	6	2	72	2	4	19
LEICESTER - -	27·5	11·6	64	35	7	–	1	–	1	–	–	25	1	2	4
NOTTINGHAM - -	26·2	9·8	83	34	17	–	–	4	1	6	2	18	2	2	5
LIVERPOOL - -	33·0	12·1	337	141	36	–	3	17	1	8	5	89	12	16	31
MANCHESTER - -	26·2	7·8	181	61	32	–	2	2	–	2	1	47	4	8	25
SALFORD - - -	32·2	11·0	105	42	13	–	2	2	–	2	1	29	4	5	4
OLDHAM - - -	24·8	5·8	51	21	8	–	–	4	1	1	2	4	–	–	2
BRADFORD - -	28·2	9·0	100	34	16	–	1	3	2	4	5	17	3	6	5
LEEDS - - -	31·0	12·8	181	85	15	–	1	4	–	9	2	59	1	6	9
SHEFFIELD - -	26·5	9·4	147	51	14	–	1	14	1	6	–	30	1	2	8
HULL - - -	34·6	13·1	95	44	20	–	–	–	–	1	–	35	–	–	6
SUNDERLAND - -	28·8	13·5	62	32	7	–	2	1	1	5	1	19	3	4	2
NEWCASTLE-ON-TYNE	29·2	9·7	81	31	10	–	–	3	2	1	2	19	–	–	7
DUBLIN - - -	29·2	8·1	176	37	28	20	–	2	2	4	4	17	3	–	50

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the THIRTY-THIRD Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2054	2131	2112	1992	2408	2236	2295	2299	2285	2611	2242·6	2421
Males . .	1037	1065	1136	993	1196	1109	1140	1155	1145	1375	1135·1	1255
Females .	1017	1069	976	999	1212	1127	1155	1144	1140	1236	1107·5	1166
TOTAL **Deaths**	1462	1527	1398	1715	1445	1608	1303	1453	1509	1309	1472·9	1517
Males . .	741	764	737	895	779	867	689	770	752	669	766·3	793
Females .	721	763	661	820	666	741	614	683	757	640	706·6	724

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	May 25.	June 1.	June 8.	June 15.	June 22.	June 29.	July 6.	July 13.	July 20.	July 27.	Aug. 3.	Aug. 10.	Aug. 17.
TOTAL **Deaths** - - -	1381	1419	1481	1300	1391	1570	1511	1589	1787	1792	1877	1694	1517
0—20 - -	707	761	773	684	687	782	807	957	1083	1161	1194	1032	856
20—40 - -	192	218	178	181	203	218	183	160	187	186	205	187	176
40—60 - -	225	212	254	190	260	260	222	225	227	204	227	227	205
60—80 - -	208	183	240	210	210	252	199	213	243	209	217	208	233
at 80 years & upwds.	49	45	36	35	31	58	40	34	47	32	34	40	47
Deaths of children: Under 1 year -	317	346	353	341	328	392	469	598	700	758	812	676	534
Deaths of children: 1—5 - -	274	295	296	250	266	284	292	279	296	302	297	256	227
Deaths of children: 5—20 - -	116	120	124	93	93	106	106	80	87	101	85	100	95
Deaths from 7 principal Zymotic Diseases	246	276	285	220	215	280	350	408	525	622	649	513	397
" " Small-pox - -	43	40	42	24	19	38	19	11	19	11	18	14	9
" " Measles - -	14	15	18	20	17	24	31	16	13	21	19	14	10
" " Scarlet fever -	17	17	27	24	17	23	19	20	21	27	26	26	27
" " Diphtheria -	20	17	16	8	12	7	11	8	8	7	6	11	11
" " Whooping-cough	116	152	135	101	108	97	108	85	106	101	89	77	60
" " Typhus fever -	2	4	2	2	3	5	3	2	3	1	–	–	1
" " Enteric (or Typhoid) fever -	15	11	15	14	11	10	9	13	15	16	17	28	12
" " Simple Contd fever	3	–	5	6	5	4	5	4	1	4	4	4	4
" " Diarrhœa - -	16	20	25	21	23	72	145	249	339	434	470	339	263
" " Simple Cholera -	–	–	–	–	–	6	11	7	10	23	24	12	5
" " Dis. of Respiratory Organs -	204	206	270	200	204	236	188	180	202	151	159	155	139
" " Phthisis - -	151	208	162	169	192	187	170	149	163	169	193	173	158
" " Heart Diseases -	77	69	91	71	95	105	76	79	61	78	71	93	82
Violent Deaths - - -	59	55	59	49	48	46	60	71	46	50	50	57	59
Inquest Cases - - -	85	92	94	76	86	76	94	116	76	86	85	91	101
Deaths in Public Institutions	298	280	283	236	257	308	274	250	276	261	254	257	253
TEMPERATURE OF THE AIR:													
Mean - - - - -	51°·8	52°·7	57°·1	55°·7	59°·0	70°·7	60°·1	61°·9	66°·8	65°·2	60°·5	65°·9	62°·2
Mean of Highest readings -	62·2	62·4	68·0	64·6	71·3	82·8	70·3	71·8	78·9	76·0	71·5	76·3	73·2
Mean of Lowest readings -	44·2	45·5	48·1	49·1	48·0	57·9	51·7	54·0	54·6	58·1	52·6	56·9	54·9
Mean Temperature of the Water of the Thames -	59·7	58·3	58·5	60·6	60·3	65·1	67·9	66·1	66·5	69·5	68·6	66·7	67·1
Humidity of the Air - -	77	81	79	77	76	63	78	70	70	81	77	76	79
Rain-fall in inches - -	0·81	0·39	0·80	1·28	0·99	0·61	0·94	0·02	0·00	0·21	0·25	2·22	1·08
Registered Sunshine (in hours)	36·4	29·3	25·3	39·8	42·4	73·9	21·6	33·3	56·4	37·6	30·7	54·5	41·1

METEOROLOGICAL OBSERVATIONS. (*See* TABLE **1.**)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-THIRD Week of the Year 1878.

CAUSES OF DEATH.	Average in the Thirty-three Weeks of the 10 years 1868–77.*	In the Week ending Saturday, August 17, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature	63°·9	62°·2							
ALL CAUSES	1472·9	1517	534	227	95	176	205	233	47
SPECIFIED CAUSES	1467·5	1516	534	227	94	176	205	233	47
I. ZYMOTIC.									
ORDER 1.									
1. Small-pox	14·1	9	2	2	3	2	-	-	-
2. Measles	26·2	10	6	3	-	-	1	-	-
3. Scarlet Fever	55·5	27	2	17	7	-	1	-	-
4. Diphtheria	5·9	11	-	7	3	1	-	-	-
5. Quinsy	·6	-	-	-	-	-	-	-	-
6. Croup	9·2	6	1	3	2	-	-	-	-
7. Whooping-cough	36·1	60	29	29	1	1	-	-	-
8. Typhus	32·1 (Enteric or Typhoid Fev. + Simple continued Fev.)	1	-	-	1	-	-	-	-
		12	-	-	6	2	3	-	1
		4	1	-	3	-	-	-	-
9. Erysipelas	6·5	4	1	-	-	-	1	2	-
10. Puerperal Fev. (Metria)	3·5	2	-	-	-	2	-	-	-
11. Carbuncle	·7	2	-	-	-	-	-	2	-
12. Influenza	—	-	-	-	-	-	-	-	-
13. Dysentery	1·4	3	-	1	-	-	1	1	-
14. Diarrhœa	263·0	263	188	50	4	1	7	10	3
15. Simple Cholera	13·8	5	2	-	-	2	1	-	-
16. Ague	—	-	-	-	-	-	-	-	-
17. Remittent Fever	·3	-	-	-	-	-	-	-	-
18. Rheumatism	6·4	10	-	1	3	-	3	2	1
19. Other *Zymotic* Diseases	·3	1	-	-	-	-	-	1	-
ORDER 2.									
1. Syphilis	9·0	10	7	2	-	-	1	-	-
2. Stricture of Urethra	1·8	2	-	-	-	-	-	2	-
3. Hydrophobia	·1	-	-	-	-	-	-	-	-
4. Glanders	—	-	-	-	-	-	-	-	-
ORDER 3.									
1. Privation	·4	1	-	-	-	-	-	1	-
2. Want of Breast-milk	13·3	17	17	-	-	-	-	-	-
3. Purpura and Scurvy	1·9	2	1	-	-	-	1	-	-
4. Alcoholism { *a* Del. Tremens	2·9	1	-	-	-	1	-	-	-
{ *b* Intemperance	2·4	3	-	-	-	-	2	1	-
ORDER 4.									
1. Thrush	6·4	4	4	-	-	-	-	-	-
2. Worms, &c.	·2	-	-	-	-	-	-	-	-
II. CONSTITUTIONAL.									
ORDER 1.									
1. Gout	2·5	2	-	-	-	-	1	1	-
2. Dropsy	9·8	7	-	-	1	-	2	4	-
3. Cancer	32·4	44	-	-	1	5	23	12	3
4. Cancrum Oris (Noma)	·4	-	-	-	-	-	-	-	-
5. Mortification	2·7	1	-	-	-	-	1	-	-
ORDER 2.									
1. Scrofula	10·4	16	10	2	3	1	-	-	-
2. Tabes Mesenterica	39·2	45	33	10	1	1	-	-	-
3. Phthisis	156·4	158	5	5	17	76	42	13	-
4. Hydrocephalus	23·8	31	12	16	1	2	-	-	-
III. LOCAL.									
ORDER 1.									
1. Cephalitis	20·8	24	5	9	4	1	4	1	-
2. Apoplexy	36·1	47	2	2	1	4	11	26	1
3. Paralysis	25·2	31	-	-	-	6	7	17	1
4. Insanity	2·6	1	-	-	-	1	-	-	-
5. Chorea	·2	-	-	-	-	-	-	-	-
6. Epilepsy	6·5	5	-	-	1	2	2	-	-
7. Convulsions	45·8	47	37	9	1	-	-	-	-
8. *Brain Disease, &c.*	16·7	12	1	1	2	-	3	4	1
ORDER 2.									
1. Pericarditis	2·3	1	-	-	1	-	-	-	-
2. Aneurism	2·8	5	-	-	-	-	3	2	-
3. *Heart Disease, &c.*	56·9	76	1	-	5	18	21	27	4
ORDER 3.									
1. Laryngitis	3·8	9	4	3	-	1	1	-	-
2. Bronchitis	60·9	72	15	17	1	-	13	23	3
3. Pleurisy	3·1	4	-	-	2	-	1	1	-
4. Pneumonia	40·3	46	12	16	2	6	4	6	-
5. Asthma	3·9	1	-	-	-	1	-	-	-
6. *Lung Disease, &c.*	10·7	7	3	-	-	2	1	1	-

CAUSES OF DEATH.	Average in the Thirty-three Weeks of the 10 years 1868–77.*	In the Week ending Saturday, August 17, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature	63°·9	62°·2							
ORDER 4.									
1. Gastritis	3·2	-	-	-	-	-	-	-	-
2. Enteritis	8·5	10	7	2	-	-	-	-	1
3. Peritonitis	6·6	6	-	-	-	2	3	1	-
4. Ascites	1·8	1	-	-	-	-	-	1	-
5. Ulceration of Intestines	2·5	4	1	-	-	1	1	1	-
6. Hernia	3·4	4	-	-	-	-	-	4	-
7. Ileus	2·8	4	2	-	-	-	1	-	1
8. Intussusception	1·3	1	-	-	-	-	-	-	1
9. Stricture of Intestines	1·2	1	-	-	-	-	-	1	-
10. Fistula	·3	-	-	-	-	-	-	-	-
11. *Stomach Disease, &c.*	7·4	4	1	-	-	-	1	2	-
12. *Pancreas Disease, &c.*	—	-	-	-	-	-	-	-	-
13. Hepatitis	3·6	2	-	-	-	-	1	1	-
14. Jaundice	5·0	6	4	-	1	-	-	1	-
15. *Liver Disease, &c.*	21·8	25	-	-	-	8	9	7	1
16. *Spleen Disease, &c.*	·5	-	-	-	-	-	-	-	-
ORDER 5.									
1. Nephritis	2·1	3	-	2	-	-	-	1	-
2. Ischuria	·1	1	-	-	-	-	-	1	-
3. Bright's Dis. (Nephria)	10·4	12	-	-	-	1	4	7	-
4. Diabetes	1·8	1	-	-	-	-	1	-	-
5. Calculus (Stone)	1·4	2	-	-	-	-	-	2	-
6. Cystitis	1·1	2	-	-	-	-	1	-	1
7. *Kidney Disease, &c.*	9·1	8	-	-	-	1	3	4	-
ORDER 6.									
1. Ovarian Dropsy	·5	1	-	-	-	-	1	-	-
2. *Uterus Disease, &c.*	4·7	5	-	-	1	2	1	1	-
ORDER 7.									
1. Synovitis (Arthritis)	·6	-	-	-	-	-	-	-	-
2. *Joint Disease, &c.*	6·2	11	2	-	2	1	4	2	-
ORDER 8.									
1. Phlegmon	2·8	3	-	-	-	-	1	2	-
2. Ulcer	·8	1	-	-	-	-	-	1	-
3. *Skin Disease, &c.*	1·5	-	-	-	-	-	-	-	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth	22·0	26	26	-	-	-	-	-	-
2. Cyanosis	1·9	-	-	-	-	-	-	-	-
3. Spina Bifida	1·6	-	-	-	-	-	-	-	-
4. Other Malformations	2·3	2	2	-	-	-	-	-	-
5. Teething	12·9	8	4	4	-	-	-	-	-
ORDER 2.									
1. Paramenia	·1	-	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever)	5·3	4	-	-	1	3	-	-	-
ORDER 3.									
1. Old Age	41·3	46	-	-	-	-	-	22	24
ORDER 4.									
1. Atrophy and Debility	84·5	91	75	7	1	-	3	5	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	18·1	10	1	1	2	2	1	3	-
2. Wounds { Gunshot	·4	-	-	-	-	-	-	-	-
{ Cut, Stab		1	-	-	-	1	-	-	-
3. Burns and Scalds	3·1	5	-	4	-	1	-	-	-
4. Poison	1·1	2	-	-	-	1	1	-	-
5. Drowning	11·0	20	1	1	8	7	3	-	-
6. Suffocation	6·1	7	6	1	-	-	-	-	-
7. Otherwise	4·7	4	1	-	-	-	1	2	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	1·8	2	-	-	1	1	-	-	-
ORDER 4. (SUICIDE.)									
1. Wounds { Gunshot	·1	3	-	-	-	2	1	-	-
{ Cut, Stab	2·3	1	-	-	-	-	-	1	-
2. Poison	1·0	2	-	-	-	2	-	-	-
3. Drowning	1·0	2	-	-	-	1	1	-	-
4. Hanging	1·0	-	-	-	-	-	-	-	-
5. Otherwise	·6	-	-	-	-	-	-	-	-
ORDER 5. (EXECUTION.)									
1. Hanging	·1	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained)	·2	-	-	-	-	-	-	-	-
Causes not specified or ill-defined	5·2	1	-	-	1	-	-	-	-

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLE
during the Week endin

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions
LONDON - - -	3,254,260	2421	1517	534	280	9	10	27	11	60	1	12	4	263	59	104	253
WEST DISTRICTS - - - -	561,359	352	231	70	61	-	2	2	-	7	-	-	-	41	8	17	46
NORTH DISTRICTS - - -	751,729	578	329	117	51	-	3	8	4	13	-	6	1	47	9	22	49
CENTRAL DISTRICTS - - -	334,369	185	141	43	23	-	-	2	2	7	-	-	1	15	7	14	29
EAST DISTRICTS - - - -	639,111	519	325	125	50	-	3	2	2	11	-	2	1	52	16	28	62
SOUTH DISTRICTS - - - -	967,692	787	491	179	95	9	2	13	3	22	1	4	1	108	19	23	67
WEST DISTRICTS.																	
St. Mary Paddington *WH* G.J. & W.M.	58728	40	21	5	5	-	-	-	-	1	-	-	-	2	2	3	3
St. John Paddington *H* - - G.J.	38085	16	15	1	4	-	1	-	-	-	-	-	-	2	2	2	6
Kensington Town *W* - - - W.M.	91645	48	50	16	12	-	1	1	-	1	-	-	-	14	1	4	12
Brompton *H* - - - W.M. & C.	28654	12	8	-	3	-	-	-	-	1	-	-	-	2	-	-	2
St. Peter Hammersmith - - W.M.	6662	1	3	-	1	-	-	-	-	-	-	-	-	1	-	-	-
St. Paul Hammersmith *H* W.M. & G.J.	36029	49	15	9	1	-	-	-	-	-	-	-	-	3	-	1	-
Fulham *WwH* - - - W.M. & C.	23350	14	19	6	3	-	-	1	-	-	-	-	-	4	2	2	2
Chelsea South *HHH* - - - C.	26420	29	13	5	2	-	-	-	-	-	-	-	-	4	-	1	-
Chelsea North-west *WHHHH* - C.	22926	12	15	6	5	-	-	-	-	1	-	-	-	2	-	-	5
Chelsea North-east - - - C.	21392	32	8	5	2	-	-	-	-	1	-	-	-	-	-	3	-
Hanover Square *H* - - - G.J.	18698	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
May Fair *WW* - - - - G.J.	13358	6	7	-	3	-	-	-	-	-	-	-	-	-	-	-	5
Belgrave *HH* - - - - C.	57972	29	25	5	10	-	-	-	-	-	-	-	-	3	-	-	9
St. John Westminster *HH* - - C.	38478	24	9	3	5	-	-	-	-	1	-	-	-	1	-	-	1
St. Margaret Westminster *WH* - C.	27781	12	4	1	-	-	-	-	-	-	-	-	-	-	1	1	-
Golden Square *WH* - - - G.L.	12860	11	3	1	2	-	-	-	-	-	-	-	-	1	-	-	1
Berwick-street *H* - N.R. & G.J.	20759	3	7	5	-	-	-	-	-	1	-	-	-	1	-	-	-
St. Anne Soho *HHHHH* - - N.R.	17562	9	6	2	3	-	-	-	-	-	-	-	-	1	-	-	-
NORTH DISTRICTS.																	
All Souls Marylebone *HHHH* - W.M.	28579	19	11	5	2	-	-	-	-	-	-	-	-	2	-	1	-
Cavendish Square *HH* - - W.M.	15425	2	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone *WH* G.J. & W.M.	26384	14	14	4	3	-	1	1	-	-	-	-	-	1	-	1	9
St. Mary Maryleb. *HHH* G.J. & W.M.	21786	27	9	3	3	-	-	-	-	2	-	-	-	1	-	2	-
Christchurch Marylebone *H* - W.M.	33944	26	8	4	-	-	-	-	-	1	-	-	-	3	-	-	-
St. John Marylebone *H* - - W.M.	33136	17	6	3	1	-	-	-	-	1	-	-	-	-	-	-	-
Hampstead *WwHH* - N.R. & W.M.	32281	22	14	3	2	-	-	-	-	1	-	2	-	3	2	3	2
Regent's Park Pancras - - W.M.	38200	13	5	1	-	-	-	-	-	-	-	-	-	-	1	2	-
Tottenham-court *wHHH* N.R. & W.M.	29370	15	19	4	4	-	-	-	1	-	-	-	-	2	1	-	12
Gray's Inn Lane *HHH* - - N.R.	29221	19	14	7	2	-	1	1	-	1	-	1	-	1	-	-	-
Somers Town - - - - N.R.	38533	29	14	5	3	-	-	1	-	-	-	-	-	1	1	4	-
Camden Town *WH* - - - N.R.	17943	6	5	3	-	-	-	-	-	-	-	-	-	-	-	1	1
Kentish Town *w* - - - - N.R.	68198	70	37	18	2	-	1	-	-	4	-	-	-	5	-	1	4
Islington West *HHH* - - - N.R.	97820	82	52	18	9	-	-	-	1	1	-	-	1	12	1	2	1
Islington East *WwwH* - - N.R.	115958	99	55	18	8	-	-	4	2	2	-	-	-	8	-	-	9
Stoke Newington *H* - - - N.R.	9841	17	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Stamford Hill - - - - E.L.	6598	13	6	3	2	-	-	-	-	-	-	-	-	3	-	-	-
West Hackney - - - - N.R.	28069	14	7	4	2	-	-	-	-	-	-	-	-	1	-	-	-
Hackney *WwwHL* - E.L. & N.R.	50104	37	28	5	5	-	-	1	-	-	-	3	-	2	2	3	11
South Hackney - - - - E.L.	30339	37	17	8	1	-	-	-	-	-	-	-	-	2	1	2	-
CENTRAL DISTRICTS.																	
St. George Bloomsbury - - N.R.	17853	9	5	3	-	-	-	-	-	-	-	-	-	3	-	-	-
St. Giles South *WH* - - - N.R.	19109	11	12	1	5	-	-	1	1	-	-	-	-	2	-	1	6
St. Giles North - - - - N.R.	16594	4	8	2	1	-	-	-	-	-	-	-	-	1	-	2	-
St. Martins-in-the Fields* - N.R. & C.	21238	6	12	5	2	-	-	-	-	-	-	-	-	2	-	-	4
St. Mary-le-Strand - - - N.R.	9378	6	4	2	-	-	-	-	-	-	-	-	-	1	1	1	-
St. Clement Danes *H* - - - N.R.	10723	9	9	1	-	-	-	-	-	-	-	-	-	1	2	2	6
St. George-the-Martyr *HHHHH* N.R.	20521	17	6	2	-	-	-	-	1	1	-	-	-	-	-	-	3
St. Andrew Eastern *W* - - N.R.	13529	6	8	3	3	-	-	-	-	-	-	-	-	2	-	-	4
Saffron Hill *H* - - - - N.R.	9066	7	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell *W* - - N.R.	18917	10	4	2	-	-	-	-	-	-	-	-	-	-	-	1	-
Amwell Clerkenwell - - - N.R.	16884	11	9	1	3	-	-	-	-	-	-	-	-	2	-	2	-
Pentonville - - - - - N.R.	13337	9	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Goswell-street - - - - N.R.	16242	13	5	1	-	-	-	1	-	1	-	-	-	1	-	-	-
Old-street *H* - - - - N.R.	12161	9	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-
City-road *HHL* - - - - N.R.	18301	11	9	3	-	-	-	-	-	2	-	-	-	-	-	-	-
Whitecross-street - - - - N.R.	13792	11	6	5	-	-	-	-	-	1	-	-	-	-	1	1	-
Finsbury - - - - - N.R.	10741	2	4	2	1	-	-	-	-	-	-	-	-	-	1	1	-
St. Botolph *H* - - N.R. & E.L.	14540	14	9	2	3	-	-	-	-	1	-	-	-	-	-	-	-
Cripplegate - - - - - N.R.	13638	7	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre *H* - - - - N.R.	7562	6	9	1	2	-	-	-	-	-	-	-	-	-	-	1	6
St. Bride *W* - - - - - N.R.	11185	-	3	1	1	-	-	-	-	1	-	-	-	-	1	1	-
Castle Baynard - - - - N.R.	4426	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch - - - - N.R.	6270	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe - - - - - N.R.	4753	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking - - - N.R.	5764	2	3	-	-	-	-	-	-	-	-	-	-	-	1	1	-
Broad-street *H* - - - - N.R.	7845	2	3	-	1	-	-	-	-	-	-	-	1	-	-	-	-

* On 1st August the sub-districts of Long Acre and Charing Cross were united for registration purposes under the name of St. Martins-in-the-Fields sub district.

NOTE.—The Italic capitals placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifies Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East London; and K. the Kent Company.

ER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
rday, 17th August 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age.	Deaths of Persons aged 60 Years & upwds.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
well Shoreditch - N.R. & E.L.	12430	4	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-
eonard Shoreditch *HL*† - N.R.	16545	7	9	3	1	-	1	-	-	-	-	-	-	4	-	-	1
on New Town *w* - - - N.R.	27835	18	13	5	7	-	-	-	-	-	-	-	-	1	-	1	5
on Old Town - - - - N.R.	26933	21	15	5	3	-	-	1	-	-	-	-	-	3	-	-	-
erston *WH* - - N.R. & E.L.	43421	41	17	9	3	-	-	-	-	-	-	-	-	3	-	-	5
ney-road *H* - - - - E.L.	29822	27	19	7	1	-	-	-	-	2	-	-	-	2	-	1	-
n, Bethnal Green *WHL*† - E.L.	42433	35	22	10	6	-	1	-	-	-	-	-	-	2	-	1	7
ch, Bethnal Green - - - E.L.	26577	19	6	2	-	-	-	1	-	-	-	-	-	1	-	-	-
n, Bethnal Green - - - E.L.	21272	28	7	3	-	-	-	-	-	-	-	-	-	1	-	2	-
lfields *H* - - E.L. & N.R.	22499	12	5	2	1	-	-	-	-	-	-	-	-	-	-	1	-
End New Town *W* - E.L.	15550	11	11	2	3	-	1	-	-	-	-	-	-	1	-	1	4
echapel North - E.L. & N.R.	11597	13	5	4	-	-	-	-	-	2	-	-	-	2	-	-	-
echapel Church *H* - - E.L.	7322	6	17	2	3	-	-	-	-	-	-	-	-	-	7	7	14
man's Fields - - - - E.L.	10381	6	4	-	1	-	-	-	-	-	-	-	-	-	-	1	-
ate - - - - N.R. & E.L.	9224	2	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
ary St. George East - - E.L.	17900	11	5	3	-	-	-	-	-	-	-	-	-	3	-	-	-
aul St. George East - - E.L.	21350	12	7	3	1	-	-	-	-	-	-	1	1	1	-	1	-
ohn St. George East *W* - E.L.	8802	5	6	1	2	-	-	-	-	-	-	-	-	-	-	-	6
well *H* - - - E.L. & N.R.	11640	5	9	5	1	-	-	-	-	-	-	-	-	2	1	1	4
iff - - - - - - E.L.	16131	8	12	6	1	-	-	-	-	1	-	-	-	3	1	1	-
house - - - - - - E.L.	29919	27	7	3	1	-	-	-	-	-	-	-	-	3	1	1	-
End Old Town West - - E.L.	38128	34	19	9	2	-	-	-	-	1	-	-	-	4	-	1	-
End Old Town East *WwwH* - E.L.	55024	58	37	13	4	-	-	-	-	3	-	-	-	6	3	3	4
wwwH - - - - E.L.	67765	73	50	17	7	-	-	-	1	2	-	-	-	6	2	3	12
r *WW* - - - - - E.L.	48611	36	18	9	1	-	-	-	1	-	-	1	-	4	1	2	-
SOUTH DISTRICTS.																	
tchurch Southwark *WH* L. & S.	14573	6	5	2	2	-	-	-	-	-	-	-	-	1	-	1	1
aviour Southwark *H* - - S.	15677	10	3	-	1	-	-	-	-	-	-	-	-	1	-	-	-
road - - - - S. & L.	20421	22	15	3	4	-	-	1	-	1	-	-	-	5	-	-	-
igh-road *WH* - - S. & L.	16695	9	6	2	2	-	-	-	-	-	-	-	-	1	-	-	2
on-road *HL* - - L. & S.	18961	13	4	1	1	-	-	-	-	-	-	-	-	-	1	1	-
y Newington - - S. & L.	23682	20	8	3	1	1	-	-	-	1	-	-	-	-	-	1	-
ter Walworth *W* - S. & L.	48248	55	30	15	6	-	1	1	-	4	-	-	-	6	-	-	8
ary Newington - - L. & S.	16792	7	6	4	-	-	-	-	-	1	-	-	-	2	-	-	-
ave Southwark *H* - - S.	4373	1	20	1	3	-	-	-	1	-	-	2	-	-	3	3	17
hn Horsleydown *W* - - S.	10500	3	7	2	1	-	-	-	-	-	-	-	-	3	-	-	2
er Market - - - S. & L.	16787	7	5	2	-	-	-	-	-	-	-	-	-	2	-	-	-
ary Magdalen *W* - - - S.	15709	21	9	3	2	-	1	-	-	1	-	-	-	3	-	-	1
mes Bermondsey - - S.	47933	35	22	11	2	-	-	-	-	1	-	-	-	12	2	2	-
rhithe *W* - - - S. & K.	27096	30	14	7	2	-	-	-	-	1	-	-	-	4	2	2	-
rloo-road 1st *H* - - L. & S.	14074	11	10	2	3	-	-	-	1	-	-	-	-	-	-	1	-
rloo-road 2nd *H* - - L. & S.	18465	10	9	4	-	-	-	-	-	-	-	-	-	-	1	1	-
eth Church 1st *H* - L. & S.	19492	16	10	2	2	-	-	-	-	-	1	-	-	1	2	2	4
eth Church 2nd *WW* - L. & S.	35833	27	10	1	2	-	-	1	-	-	-	-	-	2	-	-	3
ngton 1st - - - S. & L.	41286	26	15	6	4	-	-	2	-	-	-	-	-	-	-	-	-
ngton 2nd - - - S. & L.	31221	23	13	5	4	-	-	-	-	-	-	-	-	3	-	-	-
on *w* - - - - L. & S.	35435	39	31	13	11	-	-	1	-	1	-	1	-	10	-	-	1
ood *W* - - - - - L.	12536	13	7	2	1	-	-	-	-	-	-	-	-	3	-	-	-
am *H* - - - - - S.	27347	21	12	4	3	-	-	1	-	-	-	-	-	4	-	-	-
rsea *Ww* - - - - S.	54016	63	45	24	6	1	-	1	-	7	-	-	-	11	1	1	3
sworth *HL* - - - S.	19783	8	6	2	2	-	-	-	-	-	-	-	-	3	-	-	-
y - - - - - - S.	9439	6	3	2	-	-	-	-	-	-	-	-	-	1	-	-	-
ham - - - - - L.	14475	8	6	3	-	-	-	-	-	-	-	-	-	3	-	-	-
ch - - - - - L. & S.	4041	3	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-
erwell *WL*†*L*† - - S. & L.	31254	20	21	5	5	-	-	1	-	-	-	-	-	5	-	-	9
am *W* - - S., L., & K.	42160	52	21	8	3	-	-	-	-	1	-	-	-	3	3	2	-
orge Camberwell - L. & S.	33851	28	17	7	2	-	-	3	-	-	-	-	1	1	1	1	-
ul Deptford *w* - - - K.	53714	39	27	6	7	7	-	-	-	-	-	1	-	2	1	2	5
holas Deptford - - - K.	6474	3	4	2	-	-	-	-	-	-	-	-	-	2	-	1	-
wich West - - - - K.	21034	13	10	3	3	-	-	-	-	-	-	-	-	1	-	-	-
wich East *WH* - - - K.	19378	25	12	1	2	-	-	-	1	-	-	-	-	-	1	1	7
n *H* - - - - - K.	4539	1	3	2	-	-	-	-	-	1	-	-	-	1	-	-	-
- - - - - - K.	16440	11	4	1	1	-	-	-	-	-	-	-	-	1	-	-	-
ham Village *WH* - - K.	11513	13	4	3	-	-	-	-	-	1	-	-	-	2	-	-	-
ham *H* - - - - L.	19065	18	10	6	1	-	-	1	-	1	-	-	-	3	-	-	-
on *H* - - - - - K.	9564	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
vich Dockyard - - - K.	17226	9	7	1	1	-	-	-	-	-	-	-	-	1	1	1	-
vich Arsenal *WHH* - - K.	18331	14	6	4	1	-	-	-	-	-	-	-	-	2	-	-	-
tead West - - - - K.	13027	14	5	1	2	-	-	-	-	-	-	-	-	1	-	-	-
tead East *W* - - - K.	15232	11	7	2	2	-	-	-	-	-	-	-	-	1	-	-	4

following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by *w*:—

ntral London Sick Asylum in Tottenham-court sub district.
" " Kentish Town sub district.
ndon City Workhouse in Islington East sub-district.
lborn Infirmary " " "
ndon City Workhouse " Hackney sub-district.
lborn " " Hoxton New Town sub-district.
itechapel " " Mile End Old Town Eastern sub-dist.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7.—LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 17th August, 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
	LONDON—OUTER RING	368,414	631,381	463	334	128	68	2	5	7	3	10	7	69	7	14
29 : 1	Carshalton *wL* - - -	12228	13523	6	5	4	-	-	-	-	-	-	-	4	-	-
2	Epsom (*part of*) * *WH* -	9971	9145	5	5	1	-	-	-	-	-	-	-	1	-	-
36 : 1	Godstone (*part of*) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	56	36	11	12	1	-	1	-	-	-	7	1	2
2	Mitcham *WH* - - -	11697	12534	6	6	3	2	-	-	-	-	2	-	-	-	1
38 : 1	Wimbledon *HH* - - -	3220	9087	7	2	-	1	-	-	-	-	-	-	1	-	-
2	Kingston *WH* - - -	8549	27489	19	15	5	4	-	-	-	-	-	-	3	2	2
3	Esher (*part of*) * - -	6601	7353	5	-	-	-	-	-	-	-	-	-	-	-	-
4	Hampton - - - -	4573	10185	8	9	4	1	-	-	-	-	-	-	2	-	-
39 : 1	Richmond *WH* - - -	2271	16829	8	7	2	2	-	-	-	-	1	-	2	-	-
2	Mortlake - - - -	2961	9316	13	4	2	-	-	-	-	1	-	-	-	-	-
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	22	13	5	2	-	1	-	-	-	-	2	-	-
2	Chislehurst (*part of*) * *W* -	13665	10028	9	7	5	1	-	1	-	-	-	-	-	-	-
41 : 1	Bexley *H* - - - -	13439	19566	7	7	3	1	-	-	-	-	-	-	1	-	-
123 : 1	Sunbury *W* - - -	11055	9860	5	-	-	-	-	-	-	-	-	-	-	-	-
2	Staines *W* - - - -	13277	10339	8	2	1	-	-	-	-	-	-	-	1	-	-
124 : 1	Hillingdon *WH* - - -	6029	9712	8	2	-	-	-	-	-	-	-	-	-	-	1
2	Uxbridge - - - -	6178	5329	1	5	1	1	-	-	-	-	-	-	-	-	1
3	Hayes *WL* - - - -	14587	10497	7	6	-	1	-	-	-	-	-	-	-	1	1
125 : 1	Isleworth *W* - - -	7008	19930	6	3	1	-	-	-	-	-	-	-	1	1	1
2	Twickenham - - -	2477	10533	8	2	-	1	-	-	-	-	-	-	-	-	-
3	Brentford *HL* - - -	4370	20279	15	10	4	2	-	-	1	-	-	-	-	-	-
4	Chiswick - - - -	1311	8508	5	5	4	-	-	-	-	-	-	-	2	-	-
5	Acton *WH* - - - -	6087	12683	10	14	3	4	-	1	-	-	-	1	6	-	-
126 : 1	Harrow *H* - - - -	13809	10869	3	5	1	2	-	-	2	-	-	-	-	-	-
2	Edgware *H* - - -	6994	3450	3	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	21	12	8	2	-	-	-	-	1	1	2	-	-
4	Hendon *WH* - - -	8382	6972	6	3	1	-	-	-	1	-	-	-	-	-	-
127 : 1	South Mimms - - -	15419	5924	3	3	-	1	-	-	-	-	-	-	-	-	-
2	Barnet *W* - - - -	5423	7752	6	5	-	3	-	-	-	-	-	-	-	-	-
3	Finchley *L* - - - -	4688	11493	15	-	-	-	-	-	-	-	-	-	-	-	-
128 : 1	Hornsey *H* - - - -	3039	19357	16	9	4	1	-	-	-	-	-	1	3	-	-
2	Tottenham *H* - - -	4642	22869	19	17	9	4	-	1	-	-	-	1	2	-	-
3	Edmonton *WW* - - -	7483	13860	8	15	4	6	-	-	-	2	-	1	2	-	-
4	Enfield *WH* - - -	12653	16054	7	12	3	4	-	-	1	-	-	-	1	-	-
5	Waltham Abbey - - -	11017	5197	1	-	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	6	1	-	1	-	-	-	-	-	-	-	-	-
134 : 1	Hatfield (*part of*) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	7	1	1	-	-	-	-	-	-	-	-	-	-
185 : 1	Stratford - - - -	882	23286	24	15	6	2	1	-	-	-	1	-	7	-	-
2	West Ham *WWWW* - -	7345	44642	41	43	21	4	-	1	1	-	3	1	15	1	4
3	Leyton *WW* - - -	4274	15513	6	9	4	1	-	-	-	-	2	-	2	-	-
4	Walthamstow *H* - -	6619	15701	12	8	3	1	-	-	-	-	-	-	1	-	-
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	-	6	1	1	-	-	-	-	-	1	1	1	1
188 : 1	Romford (*part of*) * - -	6730	2879	6	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford - - - - -	8492	5947	3	2	2	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	6	3	1	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follo
29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in God
sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, excep
two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop.
134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoidon
(pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 17th August 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	
ATER LONDON	446,494	4,450,015	21·7	5·9	1851	662	348	11	15	34	14	70	24	332	66	273
NNER LONDON -	78,080	3,577,304	22·1	5·8	1517	534	280	9	10	27	11	60	17	263	59	253
UTER RING -	368,414	872,711	20·0	6·2	334	128	68	2	5	7	3	10	7	69	7	20

TE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal ·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area ,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, ich 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than les to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,758,933 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of Stillborn.	DEATHS. Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	July	6	-	201	24·4	Small-pox 26; cholera 9; fevers 49.
BOMBAY - -	644,405	"	16	-	468	37·8	Small-pox 6; cholera 41.
MADRAS - -	397,552	June	28	304	265	34·6	Fevers 73; cholera 6.
PARIS - - -	1,988,806	August	15	-	782	23·9	Small-pox 2; typhoid fever 18; diar. dis. 51.
GENEVA - -	68,792	"	10	35	25	19·0	Diarrhœal diseases 8.
BRUSSELS - -	175,782	"	3	115	108	32·1	Diarrhœal diseases 27.
AMSTERDAM -	302,266	"	3	207	121	20·8	Whooping-cough 4.
ROTTERDAM -	142,585	"	3	117	82	29·9	Scarlet fever 5.
THE HAGUE -	107,896	"	3	80	50	24·0	—
COPENHAGEN -	220,000	"	6	165	111	26·3	Typhoid fever 2; diarrhœal diseases 31.
STOCKHOLM -	152,825	"	3	-	71	24·2	Diarrhœal diseases 23.
CHRISTIANIA -	105,000	"	10	70	38	18·5	Diarrhœal diseases 16.
ST. PETERSBURGH	669,741	"	3	-	516	40·1	Sm.-pox 20; diar. dis. 109; typhus & typhd. fev. 35.
BERLIN - -	1,019,620	July	27	836	584	29·5	Scar. fev. 16; diphth. 26; diarrhœal diseases 170.
HAMBURG (State)	406,104	August	3	288	199	25·6	Diphtheria and croup 7; diarrhœal diseases 42.
DRESDEN - -	207,845	"	3	120	107	26·4	Measles 4; diphtheria and croup 8.
BRESLAU - -	267,000	"	10	236	220	42·9	Fevers 7; diarrhœal diseases 60.
MUNICH - -	222,000	"	10	153	168	39·0	Diphtheria and croup 11; diarrhœal diseases 49.
VIENNA - -	727,271	"	10	525	357	25·5	Small-pox 5; diphtheria 13; diarrhœal dis. 37.
BUDA-PESTH -	319,530	"	3	220	245	39·9	Small-pox 4; scarlet fev. 5; diarrhœa 43.
ROME - - -	282,214	July	6	121	145	26·8	Diarrhœal diseases 22.
NAPLES - -	457,407	"	8	-	-	-	—
TURIN - -	227,843	August	3	120	118	27·0	Typhus and typhd. fev. 9; small-pox 2.
VENICE - -	139,796	"	10	70	59	22·0	Typhoid fever 4; diarrhœal diseases 12.
ALEXANDRIA -	212,034	"	1	131	223	56·1	Whooping-cough 8.
NEW YORK -	1,084,528	July	20	-	718	34·5	Scarlet fever 12; diph. 9; diarrhœal diseases 305.
BROOKLYN -	549,438	"	13	-	309	29·3	Whooping-cough 10; diarrhœal diseases 117.
PHILADELPHIA	876,118	"	27	-	420	25·0	Scarlet fever 4; typhoid fever 3; diar. dis. 84.
BALTIMORE -	355,000	"	20	-	163	24·0	Typhoid fever 6; diarrhœal diseases 28.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 17th AUGUST, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Difference. Between Dew Point Temperature and Air Temperature. Greatest.	Difference. Between Dew Point Temperature and Air Temperature. Least.	Difference. Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. Osler's. General Direction. P.M.	Wind. Osler's. Pressure on square foot. Greatest.	Wind. Osler's. Pressure on square foot. Least.	Wind. Osler's. Pressure on square foot. Mean of 24 Obs.	Wind. Robinson's. Amount of Horizontal Movement of Air each day.	Wind. Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
AUGUST.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN.	11	..	29·642	76·6	57·8	18·8	64·9	54·5	150·0	48·0	69·1	66·3	10·4	21·4	5·5	+ 2·7	69	NW. WNW. & W.	WSW. & SW.	1·1	0·0	0·0	283	+ 41	0·00	9·5
MON.	12	..	29·429	73·4	54·0	19·4	61·0	59·7	133·8	50·0	67·8	65·8	1·3	11·0	0·0	— 1·2	95	SSW. & SW.	SW. & WSW.	2·7	0·0	0·2	365	+132	0·16	17·2
TUES.	13	Full	29·492	69·9	53·6	16·3	61·3	55·8	109·1	49·4	69·1	66·3	5·5	10·4	3·4	— 0·9	82	WSW.	SW.	5·0	0·0	0·4	389	+159	0·12	18·2
WED.	14	..	29·286	74·6	58·0	16·6	65·0	57·3	125·7	57·9	67·8	65·3	7·7	15·3	1·1	+ 3·0	76	SSW. WSW. & W.	W. & WSW.	7·5	0·0	1·5	536	+306	0·23	8·5
THURS.	15	In Equator	29·424	75·8	55·4	20·4	62·0	55·5	139·2	52·5	67·8	65·3	6·5	20·2	0·8	+ 0·3	79	WSW.	SW. & SSW.	1·6	0·0	0·2	257	+ 22	0·11	6·8
FRI.	16	..	29·266	71·9	54·5	17·4	61·2	55·7	123·7	51·1	68·8	66·3	5·5	12·8	1·2	— 0·2	82	SSE. S. & SSW.	WSW. & W.	2·4	0·0	0·1	226	— 14	0·45	10·8
SAT.	17	Apogee.	29·774	70·3	50·7	19·6	59·9	50·4	126·8	46·7	67·5	65·3	9·5	17·6	2·8	— 1·3	71	W. & WSW.	WSW. & SW.	3·1	0·0	0·8	433	+195	0·01	4·0
MEANS		..	29·473	73·2	54·9	18·4	62·2	55·6	129·8	50·8	68·3	65·8	6·6	15·5	2·1	+ 0·3	79	SW.		..	..	..	Sum 2489	Sum +841	Sum 1·08	10·7
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. August.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY	11	Positive throughout	7·4	14·8	A fine day. Partially cloudy till afternoon; overcast afterwards.
MONDAY	12	Positive shown generally; during showers strong negative.	2·8	14·7	Variable. Showery. Lightning and thunder, in afternoon. Lunar halo at night.
TUESDAY	13	Positive with variable tension.	0·3	14·7	Overcast generally.
WEDNESDAY	14	Positive at all times of observation.	8·6	14·6	Rain fell heavily in the early morning hours; generally fine and partially cloudy afterwards. A shower of rain in evening.
THURSDAY	15	Positive throughout	6·2	14·6	Fine and partially cloudy till evening; overcast afterwards.
FRIDAY	16	Positive and negative with strong tension.	5·7	14·5	Variable. Frequent showers. Distant thunder heard in afternoon. Lightning seen at night.
SATURDAY	17	Positive with variable tension.	10·1	14·4	Fine. Partially cloudy till evening, and a light shower of rain fell about 6h. P.M.; cloudless at night.
..		..	Sum 41·1	Sum 102·3	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and — "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Sir E. Y. W. Henderson, R.E., K.C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 29·48 in. at the beginning of the week to 29·67 in. by 9h. A.M. on the 11th; decreased to 29·40 in. by 9h. A.M. on the 12th; increased to 29·53 in. by noon on the

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

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General Register Office, Somerset House,
26th August, 1878.

United Kingdom.

During last week 5786 *births* and 3806 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality from all causes was at the average rate of 24 deaths annually in every 1000 persons living. The annual death-rate was 17 per 1000 in Edinburgh, 20 in Glasgow, and 26 in Dublin ; small-pox caused 10 deaths in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Wolverhampton 18, Brighton 18, Bristol 18, Bradford 19, London 21, Nottingham 21, Portsmouth 22, Oldham 23, Manchester 24, Sheffield 24, Plymouth 26, Leeds 27, Sunderland 29, Salford 30, Liverpool 32, Birmingham 32, Leicester 34, Newcastle-upon-Tyne 34, Norwich 39, and again the highest rate 40 in Hull. The annual death-rate from the seven principal zymotic diseases averaged 7·3 per 1000 in the twenty towns, of which 4·9 was due to diarrhœa. Scarlet fever showed fatal prevalence in Birmingham, where the deaths referred to enteric fever and diphtheria were excessive. The deaths from scarlet and enteric fevers showed an increase in Salford. Small-pox caused 10 deaths in London and 3 in Birmingham.

The fatal cases of diarrhœa in the twenty towns, which had been 1159, 947, and 818 in the three preceding weeks, further declined to 689 last week. During the past nine weeks the annual death-rate from diarrhœa has averaged 4·8 per 1000 in the twenty towns, and has ranged from 1·8 and 2·5 in Oldham and Bristol, to 11·0 and 11·6 in Leicester and Hull.

London.

In London 2491 births and 1433 deaths were registered. Allowing for increase of population, the births exceeded by 145, whereas the deaths were 75 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the three preceding weeks had been equal to 27·4, 24·7, and 22·1, further declined last week to 20·9.

The 1433 deaths included 10 from small-pox, 10 from measles, 24 from scarlet fever, 11 from diphtheria, 74 from whooping-cough, 16 from different forms of fever, and 195 from diarrhœa; thus to the seven principal diseases of the zymotic class 340 deaths were referred, against 649, 513, and 397 in the three preceding weeks. These 340 deaths were 87 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 5·0 per 1000. The fatal cases of whooping-cough, which had steadily declined from 106 to 60 in the five preceding weeks, rose again to 74 last week, and exceeded the corrected average by no less than 38 ; they were numerous in Paddington, Bethnal Green, Southwark, and Lambeth. The deaths from measles and from scarlet fever continue considerably below the average numbers ; the 24 deaths from scarlet fever, however, included 6 in Islington, 3 in Fulham and Hammersmith, 2 in Holborn, and 2 in Clerkenwell. The 11 fatal cases of diphtheria corresponded with the number in each of the two previous weeks; 2 occurred in the City, and 4 in Lambeth, of which 2 were recorded at 2, Frances Street. The deaths referred to fever, which had been 32 and 17 in the two previous weeks, further declined to 16 last week, and were but half the corrected average weekly number ; 12 fatal cases were certified as enteric or typhoid, 3 as simple continued fever, and one as typhus. Four of the deaths from enteric fever were recorded in the Metropolitan Asylum Hospitals at Homerton and Stockwell. The fatal case of typhus was of the daughter of a horse-keeper, aged 19 years, and occurred in Swan Yard, Bishopsgate.

The deaths referred to diarrhœa and simple cholera, which had been 494, 351, and 268 in the three preceding weeks, further declined to 201 last week, and were

64 below the corrected average number in the corresponding week of the last ten years; 131 were of infants under one year of age, and 40 of children aged between one and five years. The fatal cases of diarrhœa also included that of a domestic servant in the Pancras Workhouse, whose age was stated to be 100 years. The excess of fatal infantile diarrhœa last week was marked in Kensington, Bermondsey, Lambeth, Battersea, and Camberwell. During the past nine weeks the annual death-rate from diarrhœa in London has averaged 4·0 per 1000, while it has been equal to 5·6 in the nineteen provincial towns. Six deaths were referred last week to simple cholera and choleraic diarrhœa, against 24, 12, and 5 in the three previous weeks; 3 were adult cases certified as choleraic diarrhœa.

The fatal cases of small-pox, which had been 18, 14, and 9 in the three previous weeks, were 10 last week, of which 7 were recorded in the Metropolitan Asylum Hospital at Deptford, and 3 in private dwelling-houses. Of the 3 in private dwelling-houses, 2 occurred in Dunlace and Richmond Roads, Hackney; and one in Sugar-loaf-Court, Back Church Lane, Whitechapel. The Metropolitan Asylum Hospitals contained 213 small-pox patients on Saturday last, showing a decline of 23 from the number at the end of the previous week; 22 new cases were admitted during the week, against 21 and 36 in the two preceding weeks. The Highgate Small-pox Hospital contained but 9 patients on Saturday last.

The death of an excavator, aged 36 years, at 56, Campbell Road, Islington, on 11th instant, was certified by a registered medical practitioner as the result of "phthisis, 8 months, cerebral effusion"; an inquest was, however, subsequently held, and after a post mortem examination the verdict was "injury to brain, and fracture of skull by falling from a wagon." These facts show the necessity for greater care and caution in certifying causes of death.

Different forms of violence caused 35 deaths; 29 were the result of negligence or accident, including 12 from fractures and contusions, 2 from burns and scalds, 7 from drowning, and 5 of infants under one year of age from suffocation. The 12 deaths from fractures and contusions were thus caused:—male aged 28 years, and female aged 74 years, run over by carts; male 31, fell from cart; male 44, fell from omnibus; male 7, run over by wagon; male 45, run over by dray; male 59, run over on railway at New Cross; male 27, run over on Great Western Railway; male 17, fell from scaffold; female 71, fell down stairs; male 2, fell in street; and male 22, by a fall (not stated how). An inquest was held in each of these 12 cases.

Greater London.

In the Greater London 3021 births and 1739 deaths were registered, equal to annual rates of 35·4 and 20·4 per 1000 of the population. In the Outer Ring, the fatal cases of diarrhœa further declined to 57, of which 6 occurred in Croydon, and 12 in the district of West Ham.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 25, Bombay 39, Madras 33; Paris 28; Brussels 31; Amsterdam 27, Rotterdam 34, The Hague 26; Copenhagen 34; Stockholm 31; Christiania 19; St. Petersburgh 38; Berlin 29, Hamburg 28, Dresden 33, Breslau 43; Vienna 24, Buda-Pesth 37; Rome 30, Naples 33, Turin 25, Venice 23; Alexandria 59; New York 34, Brooklyn 34, Philadelphia 20, and Baltimore 22.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·65 in.; the highest reading was 29·90 in. on Sunday morning, and the lowest 29·27 in. on Saturday afternoon. The mean temperature of the *air* was 61°·5, and 0°·7 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from observations at the Royal Observatory. The mean was below the average on Tuesday, Wednesday, and Saturday, but showed an excess on each of the other days of the week; on Sunday the mean was 63°·3, and 2°·3 above the average, while on Tuesday it was 59°·5, and in defect by 1°·3. The lowest night temperature was 51°·7 on Tuesday and Wednesday, and the highest day temperature in the shade 76°·4 on Sunday; the extreme range in the week was, therefore, 24°·7. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 135°·0 on Monday. The difference between the mean *dew-point* and *air* temperature averaged 6°·6. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 65°·7. The mean degree of *humidity* of the air was 79, complete saturation being represented by 100; the air was, therefore, of its average dryness. The general direction of the *wind* was Easterly, and the horizontal movement of the air averaged 7·7 miles per hour, which was 1·2 below the average in the corresponding week of 16 years. *Rain* fell on three days of the week, to the aggregate amount of 0·71 of an inch. The duration of registered bright sunshine in the week was 21·5 hours, the sun being above the horizon during 99·4 hours; the recorded duration of sunshine was, therefore, only equal to 22 per cent. of its possible duration.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, 24th August, 1878.

CITIES AND BOROUGHS. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 24th August, 1878. BIRTHS.	DEATHS.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL. In Inches.	In Centimetres.
23 TOWNS in the UNITED KINGDOM	220,307	8,373,953	38·0	5786	3306	76·4	43·5	58·9	14·94	0·71	1·80
LONDON	75,362	3,577,304	47·5	2491	1433	76·4	51·7	61·5	16·39	0·71	1·80
BRIGHTON	2,354	103,923	44·1	56	36	71·3	52·4	60·5	15·84	1·14	2·90
PORTSMOUTH	4,486	129,461	28·9	80	54	–	–	–	–	–	–
DERWICH	7,472	84,620	11·3	51	63	–	–	–	–	–	–
PLYMOUTH	1,395	73,599	52·8	67	37	70·5	50·0	59·5	15·28	1·11	2·82
BRISTOL	4,452	206,419	46·4	138	73	75·8	52·0	61·9	16·61	0·78	1·98
WOLVERHAMPTON	3,396	74,240	21·9	45	25	71·5	50·2	57·8	14·34	0·90	2·29
BIRMINGHAM	8,400	383,117	45·6	257	237	–	–	–	–	–	–
LEICESTER	3,200	121,473	38·0	81	78	–	–	–	–	–	–
NOTTINGHAM	9,960	165,267	16·6	102	68	73·8	47·3	58·4	14·66	1·14	2·90
LIVERPOOL	5,210	532,681	102·2	378	322	68·2	53·3	58·5	14·72	0·53	1·35
MANCHESTER	4,293	360,514	84·0	272	168	–	–	–	–	–	–
SALFORD	5,170	170,251	32·9	142	98	74·0	44·0	57·8	14·34	0·52	1·32
OLDHAM	4,666	107,366	23·0	60	48	–	–	–	–	–	–
BRADFORD	7,220	185,088	25·6	132	66	71·8	48·8	57·7	14·28	0·50	1·27
LEEDS	21,572	304,948	14·1	228	156	73·0	46·0	57·9	14·39	0·44	1·12
SHEFFIELD	19,651	289,537	14·7	202	135	70·7	46·0	57·9	14·39	1·38	3·51
HULL	3,635	143,139	39·4	124	111	73·0	45·0	57·3	14·06	0·43	1·09
SUNDERLAND	2,768	112,459	40·6	88	63	76·0	52·0	60·9	16·06	0·39	0·99
NEWCASTLE-ON-TYNE	5,371	144,570	26·9	104	94	–	–	–	–	–	–
EDINBURGH	4,191	222,371	53·1	128	74	70·3	43·5	56·7	13·72	0·08	0·20
GLASGOW	6,033	566,940	94·0	398	212	68·0	48·9	58·3	14·61	0·13	0·33
DUBLIN	10,050	314,666	31·3	162	155	72·7	48·3	59·9	15·50	1·25	3·17

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.

† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday, 24th August, 1878.

BOROUGHS, &c. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living. From All Causes.	From Seven Zymotic Diseases.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
In 20 TOWNS	24·2	7·2	3365	1253	527	13	18	114	21	106	54	689	92	158	396
LONDON	20·9	5·0	1433	492	243	10	10	24	11	74	16	195	35	72	231
BRIGHTON	18·1	2·5	36	14	9	–	–	–	–	–	–	5	–	–	5
PORTSMOUTH	21·8	9·3	54	27	11	–	–	–	1	1	2	19	2	2	5
DERWICH	38·8	11·1	63	22	22	–	–	–	–	–	1	17	1	3	6
PLYMOUTH	26·2	8·5	37	16	4	–	–	2	–	–	–	10	–	2	1
BRISTOL	18·5	5·6	73	24	16	–	–	2	–	–	5	15	2	3	13
WOLVERHAMPTON	17·6	4·2	25	8	3	–	–	1	–	–	–	5	2	2	2
BIRMINGHAM	32·3	13·8	237	94	35	3	2	24	5	6	6	55	4	10	27
LEICESTER	33·5	12·0	78	44	8	–	2	–	–	–	2	24	3	7	6
NOTTINGHAM	21·5	4·4	68	27	12	–	–	–	–	–	2	12	2	2	–
LIVERPOOL	31·5	11·4	322	111	24	–	1	24	–	5	7	79	14	16	31
MANCHESTER	24·3	5·6	168	55	32	–	–	5	–	2	–	32	4	12	26
SALFORD	30·0	12·9	98	41	15	–	–	6	2	2	5	27	2	4	6
OLDHAM	23·3	6·3	48	20	7	–	–	4	1	–	–	8	2	2	2
BRADFORD	18·6	7·3	66	29	11	–	–	2	–	3	–	21	4	3	5
LEEDS	26·7	9·8	156	68	23	–	1	2	–	5	3	46	3	4	3
SHEFFIELD	24·3	7·6	135	52	17	–	–	7	–	2	1	32	1	2	9
HULL	40·5	17·1	111	48	12	–	–	2	–	1	1	43	7	7	9
SUNDERLAND	29·2	12·5	63	28	13	–	2	2	–	4	–	19	1	1	3
NEWCASTLE-ON-TYNE	33·9	13·4	94	33	10	–	–	7	1	1	3	25	3	4	6
DUBLIN	25·7	5·6	155	41	21	10	1	1	–	1	3	18	2	2	45

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the THIRTY-FOURTH Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2067	2047	2006	2103	2089	2189	2183	2302	2616	2323	2192·5	2491
Males . .	1047	1032	1027	1071	1052	1136	1137	1180	1366	1190	1123·8	1244
Females .	1020	1015	979	1032	1037	1053	1046	1122	1250	1133	1068·7	1247
TOTAL **Deaths**	1428	1463	1393	1682	1274	1546	1234	1440	1370	1261	1409·1	1433
Males . .	724	756	726	863	654	820	644	738	714	662	730·1	737
Females .	704	707	667	819	620	726	590	702	656	599	679·0	696

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	June 1.	Jun 8.	June 15.	June 22.	June 29.	July 6.	July 13.	July 20.	July 27.	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.
TOTAL **Deaths** - - -	1419	1481	1300	1391	1570	1511	1589	1787	1792	1877	1694	1517	1433
0—20 - -	761	773	684	687	782	807	957	1083	1161	1194	1032	856	805
20—40 - -	218	178	181	203	218	183	160	187	186	205	187	176	191
40—60 - -	212	254	190	260	260	222	225	227	204	227	227	205	194
60—80 - -	183	240	210	210	252	199	213	243	209	217	208	233	202
at 80 years & upwds.	45	36	35	31	58	40	34	47	32	34	40	47	41
Deaths of children: Under 1 year -	346	353	341	328	392	469	598	700	758	812	676	534	492
Deaths of children: 1—5 - - -	295	296	250	266	284	292	279	296	302	297	256	227	232
Deaths of children: 5—20 - -	120	124	93	93	106	106	80	87	101	85	100	95	81
Deaths from 7 principal Zymotic Diseases	276	285	220	215	280	350	408	525	622	649	513	397	340
" " Smallpox - -	40	42	24	19	38	19	11	19	11	18	14	9	10
" " Measles - -	15	18	20	17	24	31	16	13	21	19	14	10	10
" " Scarlet Fever -	17	27	24	17	23	19	20	21	27	26	26	27	24
" " Diphtheria -	17	16	8	12	7	11	8	8	7	6	11	11	11
" " Whooping-cough	152	135	101	108	97	108	85	106	101	89	77	60	74
" " Typhus fever -	4	2	2	3	5	3	2	3	1	–	–	1	1
" " Enteric (or Typhoid) fever -	11	15	14	11	10	9	13	15	16	17	28	12	12
" " Simple Cont^d fever	–	5	6	5	4	5	4	1	4	4	4	4	3
" " Diarrhœa - -	20	25	21	23	72	145	249	339	434	470	339	263	195
" " Simple Cholera -	–	–	–	–	6	11	7	10	23	24	12	5	6
" " Dis. of Respiratory Organs -	206	270	200	204	236	188	180	202	151	159	155	139	141
" " Phthisis - -	208	162	169	192	187	170	149	163	169	193	173	158	169
" " Heart Diseases -	69	91	71	95	105	76	79	61	78	71	93	82	72
Violent Deaths - - -	55	59	49	48	46	60	71	46	50	50	57	59	35
Inquest Cases - - -	92	94	76	86	76	94	116	76	86	85	91	104	72
Deaths in Public Institutions	280	283	236	257	308	274	250	276	261	254	257	253	231
TEMPERATURE OF THE AIR:													
Mean - - - -	52°·7	57°·1	55°·7	59°·0	70°·7	60°·1	61°·9	66°·8	65°·2	60°·5	65°·9	62°·2	61°·5
Mean of Highest readings -	62·4	68·0	64·6	71·3	82·8	70·3	71·8	78·9	76·0	71·5	76·3	73·2	70·6
Mean of Lowest readings -	45·5	48·1	49·1	48·0	57·9	51·7	54·0	54·6	58·1	52·6	56·9	54·9	54·4
Mean Temperature of the Water of the Thames -	58·3	58·5	60·6	60·3	65·1	67·9	66·1	66·5	69·5	68·6	66·7	67·1	65·7
Humidity of the Air - -	81	79	77	76	63	78	70	70	81	77	76	79	79
Rain-fall in inches - -	0·39	0·80	1·28	0·99	0·61	0·94	0·02	0·00	0·21	0·25	2·22	1·08	0·71
Registered Sunshine (in hours)	29·3	25·3	39·8	42·4	73·9	21·6	33·3	56·4	37·6	30·7	54·5	41·1	21·5

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-FOURTH Week of the Year 1878.

USES OF DEATH.	Average in the Thirty-fourth Weeks of the 10 years 1868–77.*	In the Week ending Saturday, August 24, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature -	61°·8	61°·5							
L CAUSES - -	1409·1	1433	492	232	81	191	194	202	41
ECIFIED CAUSES	1402·9	1430	490	232	80	191	194	202	41
I. ZYMOTIC.									
ORDER 1.									
Small-pox - - -	14·0	10	-	4	1	5	-	-	-
Measles - - -	22·3	10	3	7	-	-	-	-	-
Scarlet Fever - -	57·4	24	2	18	4	-	-	-	-
Diphtheria - -	6·3	11	1	6	4	-	-	-	-
Quinsy - - -	1·1	1	-	1	-	-	-	-	-
Croup - - -	9·2	9	2	7	-	-	-	-	-
Whooping-cough -	33·6	74	31	40	3	-	-	-	-
Typhus - - -	29·5 (Enteric or Typhoid Fev. / Simple continued Fev.)	1	-	-	1	-	-	-	-
Enteric or Typhoid Fev.		12	1	-	4	6	1	-	-
Simple continued Fev.		3	-	-	1	1	-	1	-
Erysipelas - -	5·8	4	2	-	-	2	-	-	-
Puerperal Fev. (Metria)	3·4	3	-	-	-	3	-	-	-
Carbuncle - -	·8	1	-	-	-	-	-	1	-
Influenza - - -	·1	-	-	-	-	-	-	-	-
Dysentery - -	2·0	2	1	-	-	-	-	1	-
Diarrhœa - - -	236·0	195	130	38	2	1	4	13	7
Simple Cholera - -	12·1	6	1	2	-	-	2	1	-
Ague - - - -	·1	-	-	-	-	-	-	-	-
Remittent Fever -	·2	-	-	-	-	-	-	-	-
Rheumatism - -	7·5	5	-	-	2	2	-	1	-
Other *Zymotic* Diseases	·3	-	-	-	-	-	-	-	-
ORDER 2.									
Syphilis - - -	10·6	16	16	-	-	-	-	-	-
Stricture of Urethra -	·8	-	-	-	-	-	-	-	-
Hydrophobia - -	·1	-	-	-	-	-	-	-	-
Glanders - - -	-	-	-	-	-	-	-	-	-
ORDER 3.									
Privation - - -	·2	1	-	-	-	-	-	1	-
Want of Breast-milk	15·2	10	10	-	-	-	-	-	-
Purpura and Scurvy -	2·6	5	-	3	-	2	-	-	-
Alcoholism { *a* Del. Tremens	1·3	2	-	-	-	2	-	-	-
Alcoholism { *b* Intemperance	1·3	1	-	-	-	1	-	-	-
ORDER 4.									
Thrush - - -	5·8	7	7	-	-	-	-	-	-
Worms, &c. - -	·3	1	1	-	-	-	-	-	-
ONSTITUTIONAL.									
ORDER 1.									
Gout - - - -	2·6	3	-	-	-	-	1	2	-
Dropsy - - -	11·0	4	-	-	-	-	2	2	-
Cancer - - -	35·8	44	-	1	-	3	23	15	2
Cancrum Oris (Noma)	·4	-	-	-	-	-	-	-	-
Mortification - -	2·7	4	-	-	-	-	-	2	2
ORDER 2.									
Scrofula - - -	12·2	14	6	4	3	1	-	-	-
Tabes Mesenterica -	37·3	49	35	13	1	-	-	-	-
Phthisis - - -	147·7	169	1	5	18	84	50	11	-
Hydrocephalus - -	24·9	32	15	14	3	-	-	-	-
III. LOCAL.									
ORDER 1.									
Cephalitis - - -	18·6	24	11	5	5	1	2	-	-
Apoplexy - - -	30·2	38	3	5	-	5	13	10	2
Paralysis - - -	24.7	24	-	-	-	1	5	18	-
Insanity - - -	2·1	-	-	-	-	-	-	-	-
Chorea - - -	·2	-	-	-	-	-	-	-	-
Epilepsy - - -	5·4	9	2	1	1	2	3	-	-
Convulsions - -	45·3	47	41	6	-	-	-	-	-
Brain Disease, &c. -	15·3	27	3	2	2	3	7	8	2
ORDER 2.									
Pericarditis - -	1·6	5	-	1	1	2	-	1	-
Aneurism - - -	3·4	-	-	-	-	-	-	-	-
Heart Disease, &c. -	61·2	67	-	-	3	17	24	21	2
ORDER 3.									
Laryngitis - - -	4·6	2	1	1	-	-	-	-	-
Bronchitis - - -	58·7	80	24	17	1	1	8	23	6
Pleurisy - - -	2·6	8	-	1	-	2	3	2	-
Pneumonia - -	40·1	43	11	9	5	5	6	7	-
Asthma - - -	3·8	1	-	-	-	-	1	-	-
Lung Disease, &c. -	10·8	7	2	-	2	1	1	1	-

CAUSES OF DEATH.	Average in the Thirty-fourth Weeks of the 10 years 1868–77.*	In the Week ending Saturday, August 24, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature -	61°·8	61°·5							
ORDER 4.									
1. Gastritis - - -	1·6	1	-	-	-	-	1	-	-
2. Enteritis - - -	6·6	11	6	2	-	-	1	2	-
3. Peritonitis - - -	4·6	4	-	-	-	2	-	2	-
4. Ascites - - -	1·7	3	-	-	-	1	-	2	-
5. Ulceration of Intestines	3·3	3	-	-	1	-	-	2	-
6. Hernia - - -	2·7	5	1	-	-	1	-	3	-
7. Ileus - - - -	3·4	1	-	-	-	-	1	-	-
8. Intussusception -	1·0	1	-	1	-	-	-	-	-
9. Stricture of Intestines	1·0	1	-	-	-	1	-	-	-
10. Fistula - - -	·6	1	-	-	-	-	1	-	-
11. *Stomach Disease, &c.* -	7·3	7	-	1	1	1	3	-	1
12. *Pancreas Disease, &c.*	—	-	-	-	-	-	-	-	-
13. Hepatitis - - -	4·2	7	-	-	-	1	2	4	-
14. Jaundice - - -	6·2	9	5	-	-	2	1	-	1
15. *Liver Disease, &c.* -	21·0	21	-	-	-	3	11	6	1
16. *Spleen Disease, &c.* -	·2	-	-	-	-	-	-	-	-
ORDER 5.									
1. Nephritis - - -	1·1	1	-	-	1	-	-	-	-
2. Ischuria - - -	·3	-	-	-	-	-	-	-	-
3. Bright's Dis. (Nephria)	9·4	13	-	2	-	4	5	2	-
4. Diabetes - - -	2·0	1	-	-	-	1	-	-	-
5. Calculus (Stone) -	·5	2	-	-	-	-	-	2	-
6. Cystitis - - -	1·3	3	-	-	-	-	1	1	1
7. *Kidney Disease, &c.* -	6·8	2	-	-	-	-	2	-	-
ORDER 6.									
1. Ovarian Dropsy -	·4	1	-	-	-	-	-	1	-
2. *Uterus Disease, &c.* -	4·2	5	-	-	1	2	1	1	-
ORDER 7.									
1. Synovitis (Arthritis)	·5	-	-	-	-	-	-	-	-
2. *Joint Disease, &c.* -	5·1	7	-	-	3	3	-	1	-
ORDER 8.									
1. Phlegmon - - -	2·6	3	2	-	-	1	-	-	-
2. Ulcer - - - -	1·4	1	-	-	-	-	1	-	-
3. *Skin Disease, &c.* -	·9	1	-	1	-	-	-	-	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth -	24·0	16	16	-	-	-	-	-	-
2. Cyanosis - - -	2·2	1	1	-	-	-	-	-	-
3. Spina Bifida - -	·9	2	2	-	-	-	-	-	-
4. Other Malformations	1·9	4	4	-	-	-	-	-	-
5. Teething - - -	11·5	8	3	5	-	-	-	-	-
ORDER 2.									
1. Paramenia - - -	·2	-	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever) - -	5·9	4	-	-	-	4	-	-	-
ORDER 3.									
1. Old Age - - -	38·9	35	-	-	-	-	-	21	14
ORDER 4.									
1. Atrophy and Debility	84·0	95	81	7	-	-	2	5	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	17·4	12	-	1	2	4	3	2	-
2. Wounds { Gunshot	·6	-	-	-	-	-	-	-	-
2. Wounds { Cut, Stab		-	-	-	-	-	-	-	-
3. Burns and Scalds -	1·8	2	-	1	1	-	-	-	-
4. Poison - - -	·7	1	-	-	-	1	-	-	-
5. Drowning - - -	11·3	7	-	-	3	3	-	1	-
6 Suffocation - -	6·6	6	5	-	-	1	-	-	-
7. Otherwise - - -	4·1	1	-	-	-	1	-	-	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	1·3	1	1	-	-	-	-	-	-
ORDER 4. SUICIDE.)									
1 Wounds { Gunshot -	·1	3	-	-	-	1	1	1	-
1 Wounds { Cut, Stab -	1·6	-	-	-	-	-	-	-	-
2. Poison - - -	·7	1	-	-	-	-	1	-	-
3. Drowning - - -	·9	-	-	-	-	-	-	-	-
4. Hanging - - -	1·0	1	-	-	-	-	-	1	-
5. Otherwise - - -	·3	-	-	-	-	-	-	-	-
ORDER 5. (EXECUTION.)									
1. Hanging - - -	—	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - -	·6	-	-	-	-	-	-	-	-
Causes not specified or ill-defined - - -	5·6	3	2	-	1	-	-	-	-

These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered ng 1878.

The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, slaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCAR during the Week end

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON - - -	3,254,260	2491	1433	492	243	10	10	24	11	74	1	12	3	195	35	72
WEST DISTRICTS - - - -	561,359	370	232	86	41	-	1	6	2	14	-	1	-	36	4	12
NORTH DISTRICTS - - - -	751,729	560	291	107	52	2	2	10	-	13	-	3	2	34	7	18
CENTRAL DISTRICTS - - -	334,369	191	127	37	17	-	-	5	3	8	1	1	-	15	3	8
EAST DISTRICTS - - - -	639,111	532	312	107	53	1	3	1	-	16	-	1	-	42	7	11
SOUTH DISTRICTS - - - -	967,692	838	471	155	80	7	4	2	6	23	-	6	1	68	14	23
WEST DISTRICTS.																
St. Mary Paddington *WH* G.J. & W.M.	58728	49	26	12	3	-	-	-	1	5	-	-	-	-	1	2
St. John Paddington *H* - - G.J.	38085	9	8	1	1	-	-	-	-	-	-	-	-	-	1	1
Kensington Town *W* - - - W.M.	91645	87	48	19	7	-	-	1	-	2	-	-	-	15	1	4
Brompton *H* - - - W.M. & C.	28654	17	13	5	2	-	-	1	-	1	-	1	-	2	-	-
St. Peter Hammersmith - - W.M.	6662	9	3	-	-	-	-	2	-	-	-	-	-	-	-	-
St. Paul Hammersmith *H* W.M. & G.J.	36029	36	16	10	2	-	-	-	1	2	-	-	-	3	-	-
Fulham *WwH* - - - W.M. & C.	23350	15	17	6	4	-	1	1	-	-	-	-	-	3	-	1
Chelsea South *HHH* - - - C.	26420	18	11	5	2	-	-	-	-	1	-	-	-	1	-	-
Chelsea North-west *WHHHH* - C.	22926	14	13	6	3	-	-	-	-	-	-	-	-	4	-	-
Chelsea North-east - - - C.	21392	13	7	3	2	-	-	-	-	1	-	-	-	1	-	-
Hanover Square *H* - - - G.J.	18698	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
May Fair *WW* - - - - G.J.	13358	6	9	-	5	-	-	-	-	-	-	-	-	1	-	-
Belgrave *HH* - - - - C.	57972	32	22	7	1	-	-	1	-	1	-	-	-	1	-	-
St. John Westminster *HH* - - C.	38478	24	13	5	2	-	-	-	-	1	-	-	-	3	-	-
St. Margaret Westminster *WH* - C.	27781	17	9	3	1	-	-	-	-	-	-	-	-	1	1	1
Golden Square *WH* - - - G.J.	12860	3	4	-	2	-	-	-	-	-	-	-	-	-	-	1
Berwick-street *H* - N.R. & G.J.	20759	9	7	3	2	-	-	-	-	-	-		-	1	-	1
St. Anne Soho *HHHHH* - - N.R.	17562	9	5	1	2	-	-	-	-	-	-	-	-	-	-	1
NORTH DISTRICTS.																
All Souls Marylebone *HHHH* - W.M.	28579	13	3	2	-	-	-	-	-	-	-	-	-	1	-	-
Cavendish Square *HH* - - - W.M.	15425	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone *WH* G.J. & W.M.	26384	10	9	1	3	-	1	-	-	-	-	-	-	-	-	-
St. Mary Maryleb. *HHH* G.J. & W.M.	21786	19	5	3	1	-	-	-	-	-	-	-	-	2	1	1
Christchurch Marylebone *H* - W.M.	33944	18	11	5	-	-	-	-	-	1	-	-	-	3	-	-
St. John Marylebone *H* - - W.M.	33136	20	13	5	1	-	-	-	-	2	-	-	-	-	-	-
Hampstead *WwHH* - N.R. & W.M.	32281	21	9	4	-	-	-	-	-	1	-	-	-	2	1	1
Regent's Park Pancras - - - W.M.	38200	15	6	2	2	-	-	-	-	-	-	-	-	-	-	-
Tottenham-court *wHHH* N.R.&W.M.	29370	10	22	3	3	-	-	-	-	2	-	1	-	-	2	2
Gray's Inn Lane *HHH* - - N.R.	29221	18	5	2	1	-	-	-	-	-	-	-	-	-	-	1
Somers Town - - - - N.R.	38533	23	14	8	1	-	-	1	-	1	-	-	-	3	-	3
Camden Town *WH* - - - N.R.	17943	20	12	4	6	-	-	-	-	-	-	-	-	2	1	2
Kentish Town *w* - - - - N.R.	68198	62	31	11	4	-	1	1	-	-	-	-	-	5	1	2
Islington West *HHH* - - - N.R.	97820	79	25	10	7	-	-	-	-	-	-	-	-	5	-	-
Islington East *WwwH* - - - N.R.	115958	115	60	27	8	-	-	6	-	4	-	-	1	6	1	3
Stoke Newington *H* - - - N.R.	9841	18	10	4	3	-	-	1	-	-	-	-	1	1	-	-
Stamford Hill - - - - E.L.	6598	5	3	1	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney - - - - N.R.	28069	24	11	4	4	-	-	-	-	-	-	1	-	-	-	-
Hackney *WwwHL* - - E.L.&N.R.	50104	33	30	7	6	2	-	1	-	1	-	1	-	2	-	1
South Hackney - - - - E.L.	30339	34	12	4	2	-	-	-	-	1	-	-	-	2	-	2
CENTRAL DISTRICTS.																
St. George Bloomsbury - - N.R.	17853	6	4	2	-	-	-	-	1	-	-	-	-	1	-	-
St. Giles South *WH* - - - N.R.	19109	18	8	1	4	-	-	-	-	1	-	-	-	2	-	-
St. Giles North - - - - N.R.	16594	13	4	3	-	-	-	-	-	1	-	-	-	-	-	-
St. Martins-in-the-Fields* - N.R. & C.	21238	12	8	-	1	-	-	1	-	-	-	-	-	-	1	1
St. Mary-le-Strand - - - N.R.	9378	3	4	2	1	-	-	-	-	-	-	-	-	1	-	-
St. Clement Danes *H* - - - N.R.	10723	4	6	1	2	-	-	-	-	-	-	-	-	-	1	-
St. George-the-Martyr *HHHHH* N.R.	20521	9	13	5	-	-	-	-	-	-	-	-	-	2	-	1
St. Andrew Eastern *W* - - N.R.	13529	3	15	3	-	-	-	2	-	1	-	-	-	-	1	2
Saffron Hill *H* - - - - N.R.	9066	6	4	1	1	-	-	-	-	1	-	-	-	-	-	-
St. James Clerkenwell *W* - - N.R.	18917	19	6	1	-	-	-	1	-	-	-	-	-	-	-	-
Amwell Clerkenwell - - - N.R.	16884	14	5	2	2	-	-	-	-	-	-	-	-	1	-	1
Pentonville - - - - - N.R.	13337	12	3	1	1	-	-	-	-	1	-	-	-	-	-	-
Goswell-street - - - - N.R.	16242	13	7	3	-	-	-	1	-	-	-	-	-	2	-	-
Old-street *H* - - - - N.R.	12161	12	2	2	-	-	-	-	-	-	-	-	-	1	-	-
City-road *HHL* - - - - N.R.	18301	4	9	4	3	-	-	-	-	1	-	-	-	1	-	-
Whitecross-street - - - - N.R.	13792	5	7	4	-	-	-	-	-	2	-	-	-	3	-	1
Finsbury - - - - - N.R.	10741	3	4	1	-	-	-	-	-	-	-	-	-	1	-	1
St. Botolph *H* - - - N.R.&E.L.	14540	10	4	1	-	-	-	-	1	-	1	-	-	-	-	-
Cripplegate - - - - - N.R.	13638	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre *H* - - - - N.R.	7562	2	7	-	1	-	-	-	1	-	-	-	-	-	-	1
St. Bride *W* - - - - - N.R.	11185	7	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard - - - - N.R.	4426	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch - - - - N.R.	6270	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe - - - - - N.R.	4753	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking - - - N.R.	5764	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street *H* - - - - N.R.	7845	2	1	-	-	-	-	-	-	-	-	1	-	-	-	-

* On 1st August the sub-districts of Long Acre and Charing Cross were united for registration purposes under the name of St. Martins-in-t Fields sub-district.

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Wo house; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stan see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signi Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East Londo and K. the Kent Company.

FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT Saturday, 24th August 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age.	Deaths of Persons aged 60 Years & upwds.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
Holywell Shoreditch - N.R. & E.L.	12430	5	3	2	-	-	-	-	-	-	-	-	-	1	-	-	-
St. Leonard Shoreditch *HL*† - N.R.	16545	7	5	4	-	-	-	-	-	-	-	-	-	1	-	-	-
Hoxton New Town *w* - - N.R.	27835	18	18	3	8	-	1	-	-	1	-	-	-	-	-	-	4
Hoxton Old Town - - N.R.	26933	20	7	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Haggerston *WH* - - N.R. & E.L.	43421	48	33	11	7	-	-	-	-	3	-	1	-	1	-	-	6
Hackney-road *H* - - - - E.L.	29822	31	8	3	1	-	-	-	-	2	-	-	-	-	-	-	-
Green, Bethnal Green *WHL*† - E.L.	42433	37	22	9	2	-	1	-	-	-	-	-	-	4	-	1	2
Church, Bethnal Green - - E.L.	26577	25	16	4	-	-	-	-	-	3	-	-	-	2	-	-	-
Town, Bethnal Green - - - E.L.	21272	10	14	4	1	-	-	1	-	-	-	-	-	2	-	-	-
Spitalfields *H* - - E.L. & N.R.	22499	12	8	5	-	-	-	-	-	1	-	-	-	2	1	1	1
Mile End New Town *W* - - E.L.	15550	11	9	4	2	-	-	-	-	-	-	-	-	1	-	-	5
Whitechapel North - E.L. & N.R.	11597	17	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whitechapel Church *H* - - E.L.	7322	2	12	2	1	-	-	-	-	-	-	-	-	-	2	2	11
Goodman's Fields - - - - E.L.	10381	11	3	1	1	1	-	-	-	-	-	-	-	-	-	-	-
Aldgate - - - - N.R. & E.L.	9224	-	3	1	-	-	-	-	-	1	-	-	-	-	-	-	-
St. Mary St. George East - - E.L.	17900	16	5	1	1	-	-	-	-	1	-	-	-	1	-	-	-
St. Paul St. George East - - E.L.	21350	14	4	2	2	-	-	-	-	-	-	-	-	1	-	-	-
St. John St. George East *W* - E.L.	8802	4	5	1	3	-	-	-	-	-	-	-	-	-	-	-	2
Shadwell *H* - - - E.L. & N.R.	11640	4	11	4	-	-	-	-	-	-	-	-	-	4	1	1	6
Ratcliff - - - - - - E.L.	16131	14	8	4	1	-	-	-	-	-	-	-	-	2	-	-	-
Limehouse - - - - - E.L.	29919	25	9	2	1	-	1	-	-	-	-	-	-	2	-	-	-
Mile End Old Town West - - E.L.	38128	37	14	6	1	-	-	-	-	-	-	-	-	3	-	-	-
Mile End Old Town East *WwwH* - E.L.	55024	55	25	11	4	-	-	-	-	2	-	-	-	6	-	-	-
Bow *wwwH* - - - - - E.L.	67765	68	48	14	12	-	-	-	-	2	-	-	-	4	3	4	14
Poplar *WW* - - - - - E.L.	48611	41	19	8	3	-	-	-	-	-	-	-	-	5	-	2	1
SOUTH DISTRICTS.																	
Christchurch Southwark *WH* L. & S.	14573	7	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Saviour Southwark *H* - - S.	15677	18	3	2	1	-	-	-	-	1	-	-	-	-	-	-	-
Kent-road - - - S. & L.	20421	10	14	3	2	-	1	-	-	3	-	-	-	2	-	2	-
Borough-road *WH* - - S. & L.	16695	15	2	1	-	-	-	-	-	1	-	-	-	1	-	-	-
London-road *HL* - - L. & S.	18961	12	11	3	-	-	-	-	1	-	-	-	-	2	-	-	-
Trinity Newington - - S. & L.	23682	22	13	5	1	-	1	-	-	-	-	1	-	1	-	-	-
St. Peter Walworth *W* - S. & L.	48248	57	38	13	9	-	-	-	-	1	-	-	-	3	-	-	16
St. Mary Newington - - L. & S.	16792	16	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Olave Southwark *H* - - S.	4373	1	9	-	-	-	-	-	-	-	-	-	-	-	2	3	8
St. John Horsleydown *W* - - S.	10500	7	2	-	-	-	-	-	-	-	-	-	-	-	1	1	-
Leather Market - - S. & L.	16787	11	9	3	-	-	-	-	-	2	-	1	-	4	-	-	-
St. Mary Magdalen *W* - - S.	15709	10	7	2	2	-	-	-	-	-	-	-	-	2	-	-	4
St. James Bermondsey - - S.	47933	40	24	11	3	-	1	-	-	1	-	-	-	5	1	2	-
Rotherhithe *W.* - - - S. & K.	27096	33	15	3	3	-	-	-	1	-	-	-	-	1	2	2	3
Waterloo-road 1st *H* - - L. & S.	14074	20	11	5	1	-	-	-	1	2	-	-	-	-	-	-	1
Waterloo-road 2nd *H* - - L. & S.	18465	12	11	3	2	-	-	-	2	-	-	-	-	2	1	2	-
Lambeth Church 1st *H* - L. & S.	19492	17	20	2	5	-	-	-	-	1	-	-	-	1	3	3	12
Lambeth Church 2nd *WW* - L. & S.	35833	31	17	5	6	-	-	-	-	-	-	-	-	1	-	1	4
Kennington 1st - - - S. & L.	41286	34	17	4	4	-	-	-	-	1	-	-	-	3	-	-	-
Kennington 2nd - - - S. & L.	31221	25	6	1	2	-	-	1	-	-	-	-	-	1	-	-	-
Brixton *w* - - - - L. & S.	35435	39	18	3	3	-	-	-	1	2	-	3	-	2	-	-	3
Norwood *W* - - - - L.	12536	9	10	5	-	-	-	-	-	-	-	1	-	5	-	-	-
Clapham *H* - - - - - S.	27347	23	12	5	3	-	-	-	-	-	-	-	-	2	-	-	-
Battersea *Ww* - - - - S.	54016	71	29	15	5	-	-	-	-	3	-	-	-	7	-	1	1
Wandsworth *HL* - - - S.	19783	9	7	1	1	-	-	-	-	-	-	-	-	1	2	2	1
Putney - - - - - - S.	9439	2	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Streatham - - - - - L.	14475	14	5	1	2	-	-	-	-	-	-	-	-	-	-	1	-
Dulwich - - - - L. & S.	4041	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Camberwell *WL*†*L*† - S. & L.	31254	27	10	1	3	-	-	-	-	-	-	-	-	3	1	1	3
Peckham *W* - - S., L., & K.	42160	39	23	12	2	-	-	-	-	-	-	-	-	5	1	1	-
St. George Camberwell - - L. & S.	33851	35	23	6	5	-	1	-	-	3	-	-	1	2	-	-	-
St. Paul Deptford *w* - - - K.	53714	49	26	11	1	7	-	-	-	-	-	-	-	3	-	-	7
St. Nicholas Deptford - - - K.	6474	6	7	2	2	-	-	-	-	-	-	-	-	2	-	-	-
Greenwich West - - - - K.	21034	18	9	3	3	-	-	-	-	-	-	-	-	1	-	-	-
Greenwich East *WH* - - - K.	19378	9	9	3	-	-	-	1	-	-	-	-	-	-	-	-	3
Eltham *H* - - - - - K.	4539	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lee - - - - - - K.	16440	8	5	2	-	-	-	-	-	-	-	-	-	1	-	-	-
Lewisham Village *WH* - - K.	11513	16	11	4	4	-	-	-	-	1	-	-	-	-	-	1	-
Sydenham *H* - - - - L.	19065	19	4	2	1	-	-	-	-	1	-	-	-	1	-	-	-
Charlton *H* - - - - - K.	9564	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Woolwich Dockyard - - - K.	17226	3	4	4	-	-	-	-	-	-	-	-	-	1	-	-	-
Woolwich Arsenal *WHH* - - K.	18331	14	6	4	-	-	-	-	-	-	-	-	-	2	-	-	-
Plumstead, West - - - - K.	13027	12	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plumstead, East *W* - - - K.	15232	13	9	1	3	-	-	-	-	-	-	-	-	1	-	-	4

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the bove Table by *w*:—

Central London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary " " "
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.
London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 24th August 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
	LONDON—OUTER RING	368,414	631,381	530	306	115	64	–	2	6	2	14	4	57	10	17	38
29 : 1	Carshalton *wL* - - -	12228	13523	12	9	3	2	–	–	–	–	–	–	1	1	1	4
2	Epsom (*part of*) * *WH* -	9971	9145	8	4	2	2	–	–	–	–	–	–	2	–	–	2
36 : 1	Godstone (*part of*) * - -	2754	900	3	–	–	–	–	–	–	–	–	–	–	–	–	–
37 : 1	Croydon *WWH* - - -	20851	71319	51	34	18	6	–	1	–	–	2	–	6	–	1	5
2	Mitcham *WH* - - -	11697	12534	11	10	2	2	–	–	–	–	2	1	1	–	–	1
38 : 1	Wimbledon *HH* - -	3220	9087	17	10	3	4	–	–	–	–	–	–	2	1	1	–
2	Kingston *WH* - - -	8549	27489	20	10	3	2	–	–	–	–	–	–	1	–	1	3
3	Esher (*part of*) * - -	6601	7353	9	1	–	1	–	–	–	–	–	–	–	–	–	–
4	Hampton - - - -	4573	10185	8	3	1	2	–	–	–	–	–	–	–	–	–	–
39 : 1	Richmond *WH* - - -	2271	16829	8	7	2	4	–	–	–	–	–	–	1	–	–	–
2	Mortlake - - - -	2961	9316	5	3	1	–	–	–	–	1	–	–	–	–	1	–
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	8	4	1	–	–	–	–	–	–	–	–	–	–	1
2	Chislehurst (*part of*) * *W* -	13665	10028	7	4	3	1	–	–	–	–	–	–	2	–	–	–
41 : 1	Bexley *H* - - - -	13439	19566	13	4	–	2	–	–	–	–	–	–	–	1	1	–
123 : 1	Sunbury *W* - - -	11055	9860	4	5	2	2	–	–	–	–	–	–	1	1	1	–
2	Staines *W* - - - -	13277	10339	7	3	1	1	–	–	–	–	–	1	–	–	–	–
124 : 1	Hillingdon *WH* - - -	6029	9712	6	3	–	–	–	–	1	–	–	–	–	–	–	1
2	Uxbridge - - - -	6178	5329	4	1	–	–	–	–	–	–	–	–	1	–	–	–
3	Hayes *WL* - - - -	14587	10497	4	7	1	1	–	–	–	–	–	–	1	–	–	3
125 : 1	Isleworth *W* - - -	7008	19930	8	9	2	5	–	–	–	–	–	–	1	–	–	4
2	Twickenham - - -	2477	10533	3	3	1	1	–	–	–	–	–	–	1	1	1	–
3	Brentford *HL* - - -	4370	20279	15	14	3	1	–	–	1	–	1	–	3	1	1	–
4	Chiswick - - - -	1311	8508	12	3	1	1	–	–	–	–	–	1	1	1	1	–
5	Acton *WH* - - - -	6087	12683	10	5	3	2	–	–	–	–	–	–	2	–	–	–
126 : 1	Harrow *H* - - - -	13809	10869	8	3	2	–	–	–	–	–	–	–	–	–	–	–
2	Edgware *H* - - -	6994	3450	2	1	–	1	–	–	–	–	–	–	–	–	–	–
3	Willesden - - - -	4383	15869	18	7	3	1	–	1	–	1	–	–	1	–	–	–
4	Hendon *WH* - - -	8382	6972	4	2	–	1	–	–	–	–	–	–	–	–	1	–
127 : 1	South Mimms - - -	15419	5924	5	2	–	1	–	–	–	–	–	–	–	–	–	–
2	Barnet *W* - - - -	5423	7752	3	9	7	–	–	–	–	–	–	–	3	–	–	–
3	Finchley *L* - - - -	4688	11493	9	5	1	1	–	–	–	–	–	–	–	–	–	2
128 : 1	Hornsey *H* - - - -	3039	19357	25	8	3	–	–	–	1	–	1	–	1	–	1	–
2	Tottenham *H* - - -	4642	22869	28	11	3	2	–	–	–	–	–	–	4	1	2	1
3	Edmonton *WW* - - -	7483	13860	15	13	5	6	–	–	–	–	1	–	2	–	1	4
4	Enfield *WH* - - -	12653	16054	15	5	1	1	–	–	–	–	–	1	1	–	1	–
5	Waltham Abbey - - -	11017	5197	5	2	1	–	–	–	–	–	–	–	–	–	–	–
6	Cheshunt - - - -	8493	7518	5	3	2	–	–	–	–	–	–	–	2	–	–	–
134 : 1	Hatfield (*part of*) * - -	3180	559	–	–	–	–	–	–	–	–	–	–	–	–	–	–
136 : 1	Bushey - - - -	9028	6472	8	1	–	1	–	–	–	–	–	–	–	–	–	–
185 : 1	Stratford - - - -	882	23286	20	9	5	–	–	–	–	–	3	–	3	–	–	–
2	West Ham *WWWW* - -	7345	44642	62	35	15	3	–	–	1	–	1	–	5	1	1	2
3	Leyton *WW* - - -	4274	15513	13	14	5	2	–	–	–	–	1	–	3	1	–	5
4	Walthamstow *H* - -	6619	15701	17	4	3	–	–	–	–	–	1	–	1	–	–	–
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	12	10	5	–	–	–	1	–	–	–	3	–	–	–
188 : 1	Romford (*part of*) * - -	6730	2879	1	–	–	–	–	–	–	–	–	–	–	–	–	–
2	Ilford - - - - -	8492	5947	2	3	–	1	–	–	1	–	–	–	–	–	–	–
3	Barking Town - - -	4128	6576	–	3	1	1	–	–	–	–	1	–	1	–	–	–

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow: 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Godston sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except th two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903) 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoydon-Bo (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 24th August, 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Deaths in Public Institutions.
REATER LONDON	446,494	4,450,015	20·4	5·0	1739	607	307	10	12	30	13	88	20	252	45	269
INNER LONDON -	78,080	3,577,304	20·9	5·0	1433	492	243	10	10	24	11	74	16	195	35	231
OUTER RING -	368,414	872,711	18·3	5·1	306	115	64	–	2	6	2	14	4	57	10	38

OTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal 697·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, vhich 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than miles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,758,933 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	July	13	–	203	24·6	Small-pox 20; cholera 11; fevers 62.
BOMBAY - -	644,405	„	23	–	490	38·5	Small-pox 9; cholera 22.
MADRAS - -	397,552	„	5	313	256	33·4	Fevers 53; small-pox 4.
PARIS - -	1,988,806	August	22	–	1055	27·7	Typhd. fev. 27; diph. 18; diarrhœal diseases 73.
GENEVA - -	68,792	„	17	–	–	–	—
BRUSSELS - -	175,782	„	10	97	106	31·5	Typhoid fever 2; diarrhœal diseases 23.
AMSTERDAM -	302,266	„	10	201	156	26·8	Diarrhœal diseases 10.
ROTTERDAM -	142,585	„	10	120	92	33·5	Typhoid fever 3.
THE HAGUE -	107,896	„	10	66	54	26·0	Diarrhœal diseases 3.
COPENHAGEN -	220,000	„	13	158	144	34·2	Typhoid fever 4; diarrhœal diseases 50.
STOCKHOLM -	152,825	„	10	–	91	30·9	Diarrhœal diseases 38.
CHRISTIANIA -	105,000	„	17	91	40	19·4	Diarrhœal diseases 22.
ST. PETERSBURGH	669,741	„	10	–	490	38·0	Sm.-pox 27; diar. dis. 103; typhus & typhd. fev. 24.
BERLIN - -	1,019,620	„	3	838	575	29·1	Diphth. 20; scar. fev. 13; diarrhœal diseases 159.
HAMBURG (State)	406,104	„	10	311	220	28·3	Scarlet fever 6; diarrhœal diseases 59.
DRESDEN - -	207,845	„	10	136	132	32·6	Diphtheria and croup 2; diarrhœal diseases 17.
BRESLAU - -	267,000	„	17	220	221	43·0	Fevers 4; diarrhœal diseases 74.
MUNICH - -	222,000	„	17	–	–	–	—
VIENNA - -	727,271	„	17	558	334	23·9	Small-pox 9; diphth. 12; diarrhœal diseases 49.
BUDA-PESTH -	319,530	„	10	250	230	37·4	Small-pox 4; diphtheria 9; diarrrhœa 44.
ROME - -	282,214	July	13	134	162	29·9	Typhus and typhd. fev. 3; diarrhœal diseases 24.
NAPLES - -	457,407	„	22	–	293	33·4	Typhus and typhd. fev. 8; diarrhœal diseases 44.
TURIN - -	227,843	August	10	148	108	24·7	Small-pox 4; typhus and typhoid fever 9.
VENICE - -	139,796	„	17	81	62	23·1	Diarrhœal diseases 7.
ALEXANDRIA -	212,034	„	8	167	239	58·8	Whooping-cough 10; typhus 1.
NEW YORK -	1,084,528	July	27	–	732	34·5	Diarrhœal diseases 278; scarlet fever 10.
BROOKLYN -	549,438	„	20	–	359	34·0	Diphtheria 6; diarrhœal diseases 125.
PHILADELPHIA -	876,118	August	3	–	328	19·5	Scar. fev. 9; typhd. fev. 4; diarrhœal diseases 57.
BALTIMORE -	355,000	July	27	–	151	22·2	Typhoid fever 5; diarrhœal diseases 25.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 24th AUGUST, 1878.

Under the Superintendence of the Astronomer Royal.]

1878. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. High-est.	Low-est.	Range in day.	Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Great-est.	Least.	Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	P.M.	Pressure on square foot. Great-est.	Least.	Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	Depart-ure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
AUGUST.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN. .	18	..	29·864	76·4	53·2	23·2	63·3	55·2	128·4	48·7	67·3	64·3	8·1	17·3	0·8	+ 2·3	75	WSW. & W.	SW. & Calm	1·1	0·0	0·1	182	— 38	0·00	5·0
MON. .	19	..	29·695	72·3	54·8	17·5	63·0	55·6	135·0	47·9	67·3	64·3	7·4	16·6	0·0	+ 2·1	77	ENE.	E. & NE.	1·3	0·0	0·1	208	— 2	0·00	0·5
TUES. .	20	..	29·793	67·4	51·7	15·7	59·5	50·0	115·3	45·0	67·3	64·8	9·5	15·1	0·4	— 1·3	71	NE.	E. & SE.	0·3	0·0	0·0	153	— 46	0·00	6·0
WED. .	21	Last Quarter	29·861	69·3	51·7	17·6	60·2	51·3	131·8	48·7	67·3	65·3	8·9	16·0	5·4	— 0·5	72	E. & ENE.	E. & ESE.	0·6	0·0	0·0	188	— 14	0·00	8·0
THURS.	22	..	29·727	69·8	55·2	14·6	62·1	52·8	126·5	50·8	67·3	64·3	9·3	15·1	2·2	+ 1·4	72	E.	E.	4·4	0·0	0·5	299	+ 85	0·10	16·7
FRI. .	23	Greatest Dec. N.	29·342	72·1	58·4	13·7	62·7	60·6	100·9	57·8	66·5	63·3	2·1	8·7	0·0	+ 2·0	93	E. & SE.	Variable.	1·1	0·0	0·0	193	— 28	0·33	12·8
SAT. .	24	..	29·279	67·1	56·1	11·0	59·7	53·7	83·0	53·4	66·3	64·3	1·0	7·6	0·0	— 0·9	96	Calm & N.	NE. & WSW.	0·0	0·0	0·0	70	—153	0·28	0·0
MEANS .		..	29·652	70·6	54·4	16·2	61·5	54·9	117·3	50·3	67·0	64·4	6·6	13·8	1·3	+ 0·7	79	E.		..	..	..	Sum 1293	Sum —196	Sum 0·71	7·0
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. AUGUST.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY .	18	Positive with variable tension.	7·4	14·4	Fine; cloudy.
MONDAY .	19	Positive with moderate tension.	6·4	14·3	Fine. The amount of cloud varied.
TUESDAY .	20	Positive with variable tension.	2·7	14·3	Cloudy; fine.
WEDNESDAY	21	Positive with moderate tension.	1·2	14·2	Cloudy throughout. A little rain fell in the evening.
THURSDAY .	22	Weak positive - -	3·8	14·1	Cloudy throughout. Rain fell at night.
FRIDAY .	23	Weak positive in morning; moderate positive and negative in afternoon and evening; strong positive at night.	0·0	14·1	Overcast with frequent heavy showers of rain, accompanied by thunder till evening. Cloudless at night but foggy.
SATURDAY .	24	Positive in early morning; strong negative and positive till evening; positive generally at night.	0·0	14·0	Overcast generally. Foggy at times. Frequent and heavy showers of rain, with lightning and thunder.
..		..	Sum 21·5	Sum 99·4	
No. of Col. .		28	29	30	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and — "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Sir E. Y. W. Henderson, R.E., K.C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 29·84 in. at the beginning of the week to 29·90 in. by 9h. A.M. on the 18th; decreased to 29·68 in. by 3h. P.M. on the 19th; increased to 29·88 in. by 9h. A.M. on the 21st; decreased to 29·27 in. by 3h. P.M. on the 24th; and was 29·31 in. at the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

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General Register Office, Somerset House,
September 2nd, 1878.

United Kingdom.

During last week 5710 *births* and 3618 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality from all causes was at the average rate of 23 deaths annually in every 1000 persons living. The annual death-rate was 17 per 1000 in Edinburgh, 21 in Glasgow, and 26 in Dublin; small-pox caused 7 deaths in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow: — Brighton 18, Bristol 18, Plymouth 19, London 20, Bradford 21, Nottingham 21, Sheffield 22, Portsmouth 23, Manchester 24, Leicester 24, Oldham 25, Wolverhampton 25, Leeds 26, Salford 28, Liverpool 29, Newcastle-upon-Tyne 29, Birmingham 29, Sunderland 29, Hull 31, and the highest rate 36 in Norwich. The annual death-rate from the seven principal zymotic diseases averaged 6·2 per 1000 in the twenty towns, of which 3·7 was due to diarrhœa. Scarlet fever was fatally prevalent in Birmingham, Sheffield, Liverpool, Salford, and Newcastle-upon-Tyne. The deaths from enteric fever showed excess in Hull, Sunderland, and Newcastle-upon-Tyne. Small-pox caused 6 deaths in London, and one in Hull.

The 512 fatal cases of diarrhœa in the twenty towns showed a further decline from the numbers in recent weeks, and were equal to an annual rate of 3·7 per 1000; the death-rate from diarrhœa, which was only 2·2 in London, averaged 5·1 in the nineteen provincial towns, among which it ranged from 1·7 and 2·4 in Bradford and Portsmouth, to 9·1 and 11·1 in Hull and Norwich.

London.

In London 2404 births and 1365 deaths were registered. Allowing for increase of population, the births exceeded by 34, while the deaths were 83 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the four preceding weeks had declined from 27·4 to 20·9, further decreased last week to 19·9.

The 1365 deaths included 6 from small-pox, 7 from measles, 29 from scarlet fever, 12 from diphtheria, 56 from whooping-cough, 23 from different forms of fever, and 148 from diarrhœa; thus to the seven principal diseases of the zymotic class 281 deaths were referred, against numbers declining from 649 to 340 in the four preceding weeks. These 281 deaths were 104 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 4·1 per 1000. The fatal cases of whooping-cough, which had been 60 and 74 in the two preceding weeks, declined to 56 last week, a lower number than in any week since the middle of December last, but exceeding the corrected weekly average by 17; the disease showed the greatest fatality in the North and South groups of districts. The deaths from measles and scarlet fever were again considerably below the average numbers; scarlet fever, however, caused 4 deaths in Hackney and 4 in Camberwell. The 12 fatal cases of diphtheria exceeded by one the number in each of the three preceding weeks; 2 occurred in Pancras, 2 in Islington, and 2 in Bermondsey. The deaths referred to fever, which had been but 17 and 16 in the two previous weeks, increased to 23 last week, which were, however, 12 below the corrected average weekly number; 20 fatal cases were certified as enteric or typhoid, 2 as typhus, and one as simple continued fever. The 2 deaths certified from typhus were recorded at 7, Hide's Terrace, Islington, and at 48, Clifton Crescent, Peckham; they were of children, aged 8 and 5 years respectively. Two deaths from enteric fever occurred in Islington, 2 in St. Bartholomew's Hospital (admitted from 3, Gresham Street, Moor Lane), 3 in Southwark, and 2 in Newington.

The deaths referred to diarrhœa and simple cholera, which had been 494, 351, 268, and 201 in the four preceding weeks, further declined to 154 last week, and

were 57 below the corrected average number; 109 were of infants under one year of age, and 28 of children aged between one and five years. Diarrhœa showed the greatest proportional fatality last week in the East and South groups of districts. Six deaths in the week were referred to simple cholera and choleraic diarrhœa, 4 of which were adult cases, certified as choleraic diarrhœa.

The fatal cases of small-pox, which had been 9 and 10 in the two previous weeks, declined to 6 last week, of which 5 occurred in the Metropolitan Asylum Hospitals, and one in a private dwelling-house in Deptford. The Metropolitan Asylum Hospitals contained 194 small-pox patients on Saturday last, showing a further decline of 19 from the numbers at the end of recent weeks; 18 new cases were admitted during the week, against 36 and 22 in the two preceding weeks. The Highgate Small-pox Hospital contained but 6 patients on Saturday last.

The death of a domestic servant occurred in Pancras Workhouse, on 21st August, whose age was stated to be 100 years.

The wife of a gardener, aged 26 years, was killed instantaneously by lightning on 29th August in Blackheath Park. The son of a surgeon died on 28th August, at Clapham, from "coup de soleil, fever and effusion on the brain, 22 days." The death of an infant, aged 3 weeks, in Mile End Old Town, on 31st August, was referred to "circumcision 8 days, erysipelas 6 days."

Different forms of violence caused 59 deaths; 54 were the result of negligence or accident, including 25 from fractures and contusions, 6 from burns and scalds, 10 from drowning, and 6 of infants under one year of age from suffocation. The 25 deaths from fractures and contusions were thus caused:—males aged 9 and 44 years, run over by carts; male 7, run over by dray; male 47, run over on Midland Railway; male 55, run over on railway (railway not stated); male 56, run over on London and South-Western Railway; male 15, run over on Brighton Railway; female 42, crushed between carriages; male 71, by leaving a railway train whilst in motion; male 30, injured by machinery; males 55 and 60, fell from heights; male 39, fell from scaffold; male 48, fell from ladder; male 62, and females 75 and 1, fell down steps; male 79, injured by falling into dock; females 69 and 81, fell from beds; males 54 and 18, by deals falling upon them; male 78, fell in bedroom (not stated how); female newly-born, by fracture of skull (not stated how); and male 1, by contusion of skull (not stated how). An inquest was held in each of these cases, except the last, which was certified by a registered medical practitioner.

Greater London.

In the Greater London 2968 births and 1677 deaths were registered, equal to annual rates of 34·8 and 19·7 per 1000 of the population. In the Outer Ring 51 fatal cases of diarrhœa were registered, including 10 in the district of West Ham. Two deaths from diphtheria occurred in Croydon and Mitcham.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 23, Bombay 43, Madras 35; Paris 24; Geneva 19; Brussels 29; Amsterdam 21, Rotterdam 23, The Hague 25; Copenhagen 29; Stockholm 28; Christiania 22; St. Petersburgh 40; Berlin 30, Hamburg 26, Dresden 26, Breslau 36, Munich 33; Vienna 25, Buda-Pesth 36; Rome 28, Naples 34, Turin 22; Alexandria 47; New York 28, Brooklyn 22, Philadelphia 18, and Baltimore 19. Diarrhœal diseases showed exceptionally fatal prevalence in Copenhagen, Berlin, Breslau, and Munich.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·44 in.; the lowest reading was 29·02 in. on Friday evening, and the highest 29·65 in. at the end of the week. The mean temperature of the *air* was 61°·8, and 1°·7 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from observations at the Royal Observatory. The mean showed a small excess on each day of the week, the warmest day being Wednesday, when the mean was 63°·7 and 3°·5 above the average. The lowest night temperature was 52°·1 on Monday, and the highest day temperature in the shade 73°·4 on Tuesday; the extreme range in the week was, therefore, 21°·3. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 138°·3 on Wednesday. The difference between the mean *dew-point* and *air* temperature averaged 4°·6. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police ship, was 64°·7. The mean degree of *humidity* of the air was 85, complete saturation being represented by 100; the air was, therefore, of its average dryness. The general direction of the *wind* was South-west, and the horizontal movement of the air averaged 11·4 miles per hour, which was 1·2 above the average in the corresponding week of 16 years. *Rain* fell on five days of the week, to the aggregate amount of 1·15 inches. The duration of registered bright sunshine in the week was 27·5 hours, the sun being above the horizon during 96·4 hours; the recorded duration of sunshine was, therefore, equal to 29 per cent of its possible duration. The amount of ozone in the air was considerably above the average on Wednesday and Thursday.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, 31st August, 1878.

CITIES AND BOROUGHS. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 31st August, 1878.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
In 23 TOWNS in the UNITED KINGDOM	220,307	8,373,953	38·0	5710	3618	76·9	44·4	60·4	15·78	1·14	2·90
LONDON	75,362	3,577,304	47·5	2404	1365	73·4	52·1	61·8	16·56	1·15	2·92
BRIGHTON	2,354	103,923	44·1	75	36	71·9	54·6	62·6	17·01	1·25	3·17
PORTSMOUTH	4,486	129,461	28·9	75	58	–	–	–	–	–	–
NORWICH	7,472	84,620	11·3	51	58	71·5	56·8	61·8	16·56	1·32	3·35
PLYMOUTH	1,395	73,599	52·8	54	27	69·0	56·0	61·2	16·22	1·21	3·07
BRISTOL	4,452	206,419	46·4	133	72	74·1	51·6	61·1	16·17	0·53	1·35
WOLVERHAMPTON	3,396	74,240	21·9	45	36	71·6	50·1	58·0	14·40	0·75	1·90
BIRMINGHAM	8,400	383,117	45·6	314	210	–	–	–	–	–	–
LEICESTER	3,200	121,473	38·0	94	57	–	–	–	–	–	–
NOTTINGHAM	9,960	165,267	16·6	97	67	72·7	50·7	60·1	15·62	1·30	3·30
LIVERPOOL	5,210	532,681	102·2	380	291	70·0	53·1	59·1	15·06	0·85	2·16
MANCHESTER	4,293	360,514	84·0	257	169	–	–	–	–	–	–
SALFORD	5,170	170,251	32·9	134	92	76·9	44·4	59·6	15·34	0·96	2·44
OLDHAM	4,666	107,366	23·0	81	52	–	–	–	–	–	–
BRADFORD	7,220	185,088	25·6	109	73	71·0	49·0	59·8	15·45	1·06	2·69
LEEDS	21,572	304,948	14·1	222	153	71·0	48·0	60·1	15·62	0·89	2·26
SHEFFIELD	19,651	289,537	14·7	183	121	75·0	49·2	60·6	15·90	0·52	1·32
HULL	3,635	143,139	39·4	108	85	73·0	48·0	60·1	15·62	1·39	3·53
SUNDERLAND	2,768	112,459	40·6	90	62	75·0	55·0	60·6	15·90	1·91	4·85
NEWCASTLE-ON-TYNE	5,371	144,570	26·9	118	79	–	–	–	–	–	–
EDINBURGH	4,191	222,371	53·1	138	72	72·6	48·0	59·4	15·22	2·59	6·58
GLASGOW	6,033	566,940	94·0	365	228	72·5	50·5	61·0	16·11	0·77	1·96
DUBLIN	10,050	314,666	31·3	183	155	74·1	45·9	59·7	15·39	0·95	2·41

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.
† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday, 31st August, 1878.

BOROUGHS, &c. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
				Deaths of		Deaths from									
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
In 20 TOWNS	22·7	6·2	3163	1031	517	7	14	139	17	93	75	512	103	170	435
LONDON	19·9	4·1	1365	397	264	6	7	29	12	56	23	148	59	91	262
BRIGHTON	18·1	5·0	36	12	7	–	–	–	–	1	–	9	–	–	6
PORTSMOUTH	23·4	3·2	58	13	15	–	–	–	–	–	2	6	–	2	9
NORWICH	35·8	12·9	58	24	11	–	–	–	–	1	2	18	–	1	4
PLYMOUTH	19·1	5·7	27	10	5	–	–	1	–	–	2	5	–	1	1
BRISTOL	18·2	4·0	72	22	15	–	–	1	1	–	2	12	3	6	9
WOLVERHAMPTON	25·3	7·7	36	17	2	–	–	–	–	–	–	11	2	2	5
BIRMINGHAM	28·6	14·3	210	83	19	–	1	33	2	6	2	61	1	10	14
LEICESTER	24·5	6·4	57	30	7	–	–	–	–	2	2	11	1	4	3
NOTTINGHAM	21·2	5·4	67	23	17	–	–	1	–	1	4	11	–	2	4
LIVERPOOL	28·5	8·9	291	101	38	–	–	26	–	6	7	52	12	12	35
MANCHESTER	24·5	5·2	169	58	18	–	2	4	2	3	4	21	7	14	26
SALFORD	28·2	12·0	92	36	11	–	1	8	–	2	2	26	3	3	6
OLDHAM	25·3	6·3	52	11	7	–	–	3	–	1	1	8	3	3	7
BRADFORD	20·6	3·1	73	23	12	–	–	2	–	3	–	6	3	5	4
LEEDS	26·2	7·9	153	54	27	–	1	3	–	6	5	31	–	2	19
SHEFFIELD	21·8	6·7	121	39	13	–	1	17	–	2	2	15	3	4	4
HULL	31·0	12·0	85	32	10	1	–	–	–	1	6	25	1	1	6
SUNDERLAND	28·8	12·5	62	25	7	–	–	3	–	2	4	19	1	1	4
NEWCASTLE-ON-TYNE	28·5	11·2	79	21	12	–	1	8	–	–	5	17	4	6	7
DUBLIN	25·7	7·1	155	38	27	7	–	2	1	5	8	20	1	–	39

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the THIRTY-FIFTH Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2247	2156	2055	2068	2188	2160	2151	2304	2329	2496	2215·4	2404
Males . .	1121	1128	1043	1041	1096	1096	1056	1175	1162	1248	1116·6	1251
Females .	1126	1028	1012	1027	1092	1064	1095	1129	1167	1248	1098·8	1153
TOTAL **Deaths**	1356	1391	1426	1485	1236	1477	1207	1429	1288	1238	1353·3	1365
Males . .	682	748	740	786	646	735	585	755	668	630	697·5	711
Females .	674	643	686	699	590	742	622	674	620	608	655·8	654

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	June 8.	June 15.	June 22.	June 29.	July 6.	July 13.	July 20.	July 27.	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.
TOTAL **Deaths** - - -	1481	1300	1391	1570	1511	1589	1787	1792	1877	1694	1517	1433	1365
0—20 - -	773	684	687	782	807	957	1083	1161	1194	1032	856	805	721
20—40 - -	178	181	203	218	183	160	187	186	205	187	176	191	163
40—60 - -	254	190	260	260	222	225	227	204	227	227	205	194	217
60—80 - -	240	210	210	252	199	213	243	209	217	208	233	202	215
at 80 years & upwds.	36	35	31	58	40	34	47	32	34	40	47	41	49
Deaths of children: Under 1 year -	353	341	328	392	4·9	598	700	758	812	676	534	492	397
Deaths of children: 1—5 - -	296	250	266	284	292	279	296	302	297	256	227	232	219
Deaths of children: 5—20 - -	124	93	93	106	106	80	87	101	85	100	95	81	105
Deaths from 7 principal Zymotic Diseases	285	220	215	280	350	408	525	622	649	513	397	340	281
" " Small-pox -	42	24	19	38	19	11	19	11	18	14	9	10	6
" " Measles - -	18	20	17	24	31	16	13	21	19	14	10	10	7
" " Scarlet fever -	27	24	17	23	19	20	21	27	26	26	27	24	29
" " Diphtheria -	16	8	12	7	11	8	8	7	6	11	11	11	12
" " Whooping-cough	135	101	108	97	108	85	106	101	89	77	60	74	56
" " Typhus fever -	2	2	3	5	3	2	3	1	–	–	1	1	2
" " Enteric (or Typhoid) fever -	15	14	11	10	9	13	15	16	17	28	12	12	20
" " Simple Cont^d fever	5	6	5	4	5	4	1	4	4	4	4	3	1
" " Diarrhœa - -	25	21	23	72	145	249	339	434	470	339	263	195	148
" " Simple Cholera -	–	–	–	6	11	7	10	23	24	12	5	6	6
" " Dis. of Respiratory Organs -	270	200	204	236	188	180	202	151	159	155	139	141	175
" " Phthisis - -	162	169	192	187	170	149	163	169	193	173	158	169	157
" " Heart Diseases -	91	71	95	105	76	79	61	78	71	93	82	72	58
Violent Deaths - - -	59	49	48	46	60	71	46	50	50	57	59	35	59
Inquest Cases - - -	94	76	86	76	94	116	76	86	85	91	104	72	91
Deaths in Public Institutions	283	236	257	308	274	250	276	261	254	257	253	231	262
TEMPERATURE OF THE AIR:													
Mean - - - - -	57°·1	55°·7	59°·0	70°·7	60°·1	61°·9	66°·8	65°·2	60°·5	65°·9	62°·2	61°·5	61°·8
Mean of Highest readings -	68·0	64·6	71·3	82·8	70·3	71·8	78·9	76·0	71·5	76·3	73·2	70·6	71·5
Mean of Lowest readings -	48·1	49·1	48·0	57·9	51·7	54·0	54·6	58·1	52·6	56·9	54·9	54·4	56·0
Mean Temperature of the Water of the Thames -	58·5	60·6	60·3	65·1	67·9	66·1	66·5	69·5	68·6	66·7	67·1	65·7	64·7
Humidity of the Air - -	79	77	76	63	78	70	70	81	77	76	79	79	85
Rain-fall in inches - -	0·80	1·28	0·99	0·61	0·94	0·02	0·00	0·21	0·25	2·22	1·08	0·71	1·15
Registered Sunshine (in hours)	25·3	39·8	42·4	73·9	21·6	33·3	56·4	37·6	30·7	54·5	41·1	21·5	27·5

METEOROLOGICAL OBSERVATIONS. (*See* TABLE **1.**)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-FIFTH Week of the Year 1878.

SES OF DEATH.	Average in the Thirty-five Weeks of the 10 years 1868–77.*	In the Week ending Saturday, August 31, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
ean Temperature -	59°8	61°8							
CAUSES - -	1353·3	1365	397	219	105	163	217	215	49
CIFIED CAUSES	1345·6	1363	396	219	105	163	217	215	48
I. ZYMOTIC.									
ORDER 1.									
nall-pox - - -	13·9	6	-	1	3	1	1	-	-
easles - - -	17·5	7	1	5	1	-	-	-	-
arlet Fever - -	64·3	29	1	16	12	-	-	-	-
iphtheria - -	6·4	12	1	7	4	-	-	-	-
uinsy - - -	·7	-	-	-	-	-	-	-	-
roup - - -	8·7	7	3	3	1	-	-	-	-
hooping-cough -	36·9	56	26	26	4	-	-	-	-
yphus - - -	32·7	2	-	-	2	-	-	-	-
nteric or Typhoid Fev.		20	1	2	5	9	3	-	-
mple continued Fev.		1	-	1	-	-	-	-	-
rysipelas - - -	5·9	7	2	-	-	1	2	2	-
uerperal Fev. (Metria)	3·8	3	-	-	-	3	-	-	-
arbuncle - - -	·7	-	-	-	-	-	-	-	-
nfluenza - - -	·4	-	-	-	-	-	-	-	-
ysentery - - -	2·4	2	-	-	-	1	-	1	-
iarrhœa - - -	188·5	148	107	28	4	-	2	7	-
imple Cholera - -	9·1	6	2	-	-	1	2	1	-
ague - - - -	·3	1	-	-	-	-	-	1	-
emittent Fever -	·2	-	-	-	-	-	-	-	-
heumatism - -	6·9	6	-	-	1	4	-	1	-
ther *Zymotic* Diseases	·3	-	-	-	-	-	-	-	-
ORDER 2.									
yphilis - - -	7·6	10	7	1	-	-	1	1	-
tricture of Urethra -	·7	2	-	-	-	-	1	1	-
ydrophobia - -	·1	-	-	-	-	-	-	-	-
landers - - -	·2	-	-	-	-	-	-	-	-
ORDER 3.									
rivation - - -	·1	-	-	-	-	-	-	-	-
Want of Breast-milk -	14·5	11	11	-	-	-	-	-	-
urpura and Scurvy -	1·5	3	-	2	-	-	-	1	-
lco- *a* Del. Tremens	1·8	1	-	-	-	1	-	-	-
lism *b* Intemperance	1·6	3	-	-	-	-	3	-	-
ORDER 4.									
hrush - - -	5·2	2	2	-	-	-	-	-	-
Worms, &c. - -	·3	-	-	-	-	-	-	-	-
ONSTITUTIONAL.									
ORDER 1.									
out - - - -	2·1	2	-	-	-	-	1	1	-
ropsy - - -	9·8	4	-	1	-	-	1	2	-
ancer - - -	29·0	40	-	1	-	4	22	13	-
ancrum Oris (Noma)	·2	-	-	-	-	-	-	-	-
Mortification - -	3·7	1	1	-	-	-	-	-	-
ORDER 2.									
crofula - - -	9·8	11	3	5	3	-	-	-	-
abes Mesenterica -	36·7	32	16	13	3	-	-	-	-
hthisis - - -	150·9	157	1	8	17	72	52	7	-
ydrocephalus - -	23·7	35	12	20	3	-	-	-	-
III. LOCAL.									
ORDER 1.									
ephalitis - - -	16·7	22	8	6	4	2	1	1	-
poplexy - - -	35·4	37	2	1	1	1	8	19	5
aralysis - - -	22·4	29	-	1	1	4	6	12	5
nsanity - - -	1·9	1	-	-	-	-	1	-	-
horea - - -	·2	-	-	-	-	-	-	-	-
pilepsy - - -	6·3	8	-	1	3	1	3	-	-
onvulsions - -	41·4	37	31	5	1	-	-	-	-
Brain Disease, &c. -	13·7	18	1	-	4	2	2	8	1
ORDER 2.									
ericarditis - -	2·0	2	-	-	-	1	-	1	-
neurism - - -	2·4	6	-	-	-	1	5	-	-
Heart Disease, &c. -	53·9	50	-	-	3	12	13	19	3
ORDER 3.									
aryngitis - - -	3·6	14	3	6	2	1	1	1	-
ronchitis - - -	62·9	103	18	23	1	3	15	38	5
leurisy - - -	2·9	3	-	-	1	1	-	1	-
neumonia - -	43·4	46	9	17	2	9	3	5	1
sthma - - -	3·2	3	-	-	-	-	2	-	1
Lung Disease, &c. -	10·5	6	2	1	-	-	2	-	1

CAUSES OF DEATH.	Average in the Thirty-five Weeks of the 10 years 1868–77.*	In the Week ending Saturday, August 31, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
Mean Temperature	59°8	61°8							
ORDER 4.									
1. Gastritis - - -	1·8	3	-	-	-	-	2	1	-
2. Enteritis - - -	8·4	10	4	2	2	1	-	1	-
3. Peritonitis - - -	6·6	6	1	-	-	2	2	1	-
4. Ascites - -	2·5	3	-	-	-	1	2	-	-
5. Ulceration of Intestines	3·0	3	-	1	-	-	1	1	-
6. Hernia - - -	1·9	4	-	-	-	-	1	3	-
7. Ileus - - - -	3·1	3	-	-	-	-	2	1	-
8. Intussusception - -	1·1	-	-	-	-	-	-	-	-
9. Stricture of Intestines	1·1	-	-	-	-	-	-	-	-
10. Fistula - - -	·7	-	-	-	-	-	-	-	-
11. *Stomach Disease, &c.* -	7·0	7	2	-	-	-	1	2	2
12. *Pancreas Disease, &c.*	—	-	-	-	-	-	-	-	-
13. Hepatitis - - -	3·9	1	-	-	-	1	-	-	-
14. Jaundice - - -	6·0	6	4	-	-	-	2	-	-
15. *Liver Disease, &c.* -	20·8	23	-	-	-	2	17	4	-
16. *Spleen Disease, &c.* -	·1	1	-	1	-	-	-	-	-
ORDER 5.									
1. Nephritis - - -	1·8	4	-	1	-	1	2	-	-
2. Ischuria - - -	·3	-	-	-	-	-	-	-	-
3. Bright's Dis. (Nephria)	9·8	13	-	1	-	1	9	2	-
4. Diabetes - - -	1·7	1	-	-	-	1	-	-	-
5. Calculus (Stone) -	·5	2	-	-	-	-	-	2	-
6. Cystitis - - -	·8	6	-	-	-	1	1	4	-
7. *Kidney Disease, &c.* -	8·8	9	-	-	-	1	4	4	-
ORDER 6.									
1. Ovarian Dropsy - -	·7	-	-	-	-	-	-	-	-
2. *Uterus Disease, &c.* -	3·5	5	-	-	-	3	2	-	-
ORDER 7.									
1. Synovitis (Arthritis) -	·5	-	-	-	-	-	-	-	-
2. *Joint Disease, &c.* -	4·8	9	-	2	3	-	2	2	-
ORDER 8.									
1. Phlegmon - - -	1·9	4	1	-	-	1	2	-	-
2. Ulcer - - - -	1·0	1	-	-	-	-	-	1	-
3. *Skin Disease, &c.* -	1·2	2	1	-	-	-	-	1	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth -	20·7	24	24	-	-	-	-	-	-
2. Cyanosis - - -	3·1	1	1	-	-	-	-	-	-
3. Spina Bifida - -	·7	2	2	-	-	-	-	-	-
4. Other Malformations -	2·7	3	3	-	-	-	-	-	-
5. Teething - - -	9·3	4	3	1	-	-	-	-	-
ORDER 2.									
1. Paramenia - -	·2	1	-	-	-	-	1	-	-
2. Childbirth (*see* Puerperal Fever) - -	6·6	4	-	-	-	4	-	-	-
ORDER 3.									
1. Old Age - - -	38·9	50	-	-	-	-	-	27	23
ORDER 4.									
1. Atrophy and Debility	86·0	77	68	3	1	-	1	4	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	18·4	25	1	2	4	2	8	7	1
2. Wounds { Gunshot -	·6	1	-	-	-	-	1	-	-
2. Wounds { Cut, Stab		1	-	-	1	-	-	-	-
3. Burns and Scalds -	2·7	6	-	3	-	1	1	1	-
4. Poison - - -	·8	1	-	-	-	-	-	1	-
5. Drowning - - -	9·7	10	-	-	7	3	-	-	-
6. Suffocation - -	5·7	7	6	-	-	1	-	-	-
7. Otherwise - - -	4·2	3	2	-	1	-	-	-	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	2·6	3	2	1	-	-	-	-	-
ORDER 4. (SUICIDE.)									
1. Wounds { Gunshot -	·4	-	-	-	-	-	-	-	-
1. Wounds { Cut, Stab -	1·1	-	-	-	-	-	-	-	-
2. Poison - - -	·8	1	-	-	-	1	-	-	-
3. Drowning - - -	·8	1	-	-	-	-	-	1	-
4. Hanging - - -	1·8	-	-	-	-	-	-	-	-
5. Otherwise - - -	·5	-	-	-	-	-	-	-	-
ORDER 5. (EXECUTION.)									
1. Hanging - - -	·1	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - -	·6	1	-	-	-	-	-	-	1
Causes not specified or ill-defined - - -	7·1	1	1	-	-	-	-	-	-

These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered ing 1878.

The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, aslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCA during the Week e

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON - - -	3,254,260	2404	1365	397	264	6	7	29	12	56	2	20	1	148	59	91
WEST DISTRICTS - - - -	561,359	371	204	65	44	2	1	2	-	5	-	1	-	25	9	11
NORTH DISTRICTS - - -	751,729	538	282	77	69	-	2	9	5	17	1	4	-	22	7	21
CENTRAL DISTRICTS - - -	334,369	164	119	22	12	-	1	1	1	2	-	3	-	8	5	10
EAST DISTRICTS - - - -	639,111	495	299	93	59	-	-	6	1	10	-	2	1	35	18	25
SOUTH DISTRICTS - - - -	967,692	836	461	140	80	4	3	11	5	22	1	10	-	58	20	24
WEST DISTRICTS.																
St. Mary Paddington *WH* G.J. & W.M.	58728	42	16	2	4	-	-	-	-	-	-	-	-	1	1	1
St. John Paddington *H* - - G.J.	38085	11	9	1	2	-	-	-	-	-	-	-	-	1	1	2
Kensington Town *W* - - - W.M.	91645	52	43	17	11	-	-	-	-	3	-	-	-	6	2	3
Brompton *H* - - - W.M. & C.	28654	18	7	1	1	-	-	-	-	-	-	-	-	-	-	-
St. Peter Hammersmith - - W.M.	6662	8	1	-	-	-	-	1	-	-	-	-	-	-	-	-
St. Paul Hammersmith *H* W.M. & G.J.	36029	41	18	6	2	-	-	1	-	-	-	-	-	5	-	-
Fulham *WwH* - - - W.M. & C.	23350	51	13	7	2	2	1	-	-	-	-	-	-	2	-	-
Chelsea South *HHH* - - - C.	26420	15	6	3	1	-	-	-	-	-	-	-	-	-	1	-
Chelsea North-west *WHHHH* - C.	22926	19	18	6	3	-	-	-	-	-	-	1	-	1	-	-
Chelsea North-east - - - C.	21392	12	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Hanover Square *H* - - - G.J.	18698	7	3	2	1	-	-	-	-	-	-	-	-	1	-	-
May Fair *WW* - - - - G.J.	13358	5	9	2	7	-	-	-	-	-	-	-	-	1	1	1
Belgrave *HH* - - - - C.	57972	30	24	2	5	-	-	-	-	-	-	-	-	1	3	3
St. John Westminster *HH* - - C.	38478	23	12	7	1	-	-	-	-	-	-	-	-	4	-	-
St. Margaret Westminster *WH* - C.	27781	13	6	2	-	-	-	-	-	-	-	-	-	2	-	-
Golden Square *WH* - - - G.L.	12860	2	4	-	1	-	-	-	-	-	-	-	-	-	-	1
Berwick-street *H* - N.R. & G.J.	20759	12	6	1	3	-	-	-	-	2	-	-	-	-	-	-
St. Anne Soho *HHHHH* - - N.R.	17562	10	7	5	-	-	-	-	-	-	-	-	-	-	-	-
NORTH DISTRICTS.																
All Souls Marylebone *HHHH* - W.M.	28579	17	8	3	1	-	-	-	-	1	-	-	-	-	1	2
Cavendish Square *HH* - - W.M.	15425	2	2	-	2	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone *WH* G.J. & W.M.	26384	19	16	3	5	-	-	-	-	1	-	-	-	1	-	1
St. Mary Maryleb. *HHH* G.J. & W.M.	21786	24	9	1	3	-	-	-	-	-	-	-	-	-	-	1
Christchurch Marylebone *H* - W.M.	33944	22	15	2	3	-	2	-	-	-	-	1	-	2	-	2
St. John Marylebone *H* - - W.M.	33136	18	10	2	3	-	-	-	-	1	-	-	-	-	-	-
Hampstead *WwHH* - N.R. & W.M.	32281	24	14	5	3	-	-	-	-	2	-	-	-	-	1	1
Regent's Park Pancras - - W.M.	38200	27	14	7	5	-	-	1	-	1	-	-	-	2	-	2
Tottenham-court *wHHH* N.R. & W.M.	29370	10	20	-	3	-	-	1	-	2	-	-	-	-	-	2
Gray's Inn Lane *HHH* - - N.R.	29221	11	7	2	-	-	-	-	1	-	-	-	-	-	-	-
Somers Town - - - - N.R.	38533	29	17	10	2	-	-	1	-	1	-	-	-	2	1	2
Camden Town *WH* - - - N.R.	17943	11	8	-	6	-	-	-	-	1	-	-	-	-	2	2
Kentish Town *w* - - - - N.R.	68198	54	24	7	7	-	-	-	1	1	-	-	-	2	-	-
Islington West *HHH* - - - N.R.	97820	80	35	10	6	-	-	-	1	1	1	1	-	2	1	1
Islington East *WwwH* - - N.R.	115958	92	42	14	10	-	-	2	1	3	-	1	-	8	-	3
Stoke Newington *H* - - - N.R.	9841	14	2	1	-	-	-	-	-	1	-	-	-	-	-	-
Stamford Hill - - - - E.L.	6598	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-
West Hackney - - - - N.R.	28069	16	5	2	1	-	-	-	-	-	-	-	-	1	-	-
Hackney *WwwHL* - E.L. & N.R.	50104	37	25	6	6	-	-	2	1	1	-	1	-	1	1	2
South Hackney - - - - E.L.	30339	27	8	2	2	-	-	2	-	-	-	-	-	1	-	-
CENTRAL DISTRICTS.																
St. George Bloomsbury - - N.R.	17853	8	6	2	-	-	-	-	-	-	-	-	-	-	-	1
St. Giles South *WH* - - - N.R.	19109	9	6	-	1	-	-	-	-	-	-	-	-	-	-	-
St. Giles North - - - - N.R.	16594	8	5	-	-	-	-	-	-	1	-	-	-	-	-	-
St. Martins-in-the Fields* - N.R. & C.	21238	12	7	1	1	-	-	-	-	-	-	-	-	-	-	-
St. Mary-le-Strand - - - N.R.	9378	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes *H* - - - N.R.	10723	3	8	-	-	-	-	-	1	-	-	-	-	-	-	-
St. George-the-Martyr *HHHHH* N.R.	20521	9	8	-	1	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Eastern *W* - - N.R.	13529	6	6	1	1	-	-	-	-	-	-	-	-	-	1	1
Saffron Hill *H* - - - - N.R.	9066	2	2	-	-	-	-	-	-	-	-	-	-	-	-	1
St. James Clerkenwell *W* - - N.R.	18917	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Amwell Clerkenwell - - - N.R.	16884	11	8	4	-	-	-	-	-	-	-	-	-	-	-	1
Pentonville - - - - - N.R.	13337	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Goswell-street - - - - N.R.	16242	12	3	1	1	-	-	-	-	-	-	-	-	1	-	-
Old-street *H* - - - - N.R.	12161	9	4	3	-	-	-	-	-	-	-	-	-	2	-	-
City-road *HHL* - - - - N.R.	18301	19	6	3	1	-	-	1	-	-	-	-	-	-	-	-
Whitecross-street - - - - N.R.	13792	15	5	3	-	-	1	-	-	-	-	-	-	1	-	-
Finsbury - - - - - N.R.	10741	3	5	3	-	-	-	-	-	-	-	-	-	3	-	1
St. Botolph *H* - - N.R. & E.L.	14540	5	4	-	2	-	-	-	-	-	-	1	-	-	-	-
Cripplegate - - - - - N.R.	13638	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre *H* - - - - N.R.	7562	5	23	-	2	-	-	-	-	-	-	2	-	-	4	5
St. Bride *W* - - - - - N.R.	11185	2	1	-	-	-	-	-	-	1	-	-	-	-	-	-
Castle Baynard - - - - N.R.	4426	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch - - - - N.R.	6270	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe - - - - - N.R.	4753	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking - - - N.R.	5764	-	1	1	-	-	-	-	-	-	-	-	-	1	-	-
Broad-street *H* - - - - N.R.	7845	2	2	-	2	-	-	-	-	-	-	-	-	-	-	-

* On 1st August the sub-districts of Long Acre and Charing Cross were united for registration purposes under the name of St. Martins-in-th Fields sub-district.

NOTE.—The Italic capitals placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Wo house; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it star see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signi Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East Londo and K. the Kent Company.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT urday, 31st August 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
ywell Shoreditch - N.R. & E.L.	12430	4	5	2	2	-	-	-	-	-	-	-	-	-	2	3	-
Leonard Shoreditch HL† - N.R.	16545	8	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
ton New Town w - - - N.R.	27835	21	8	2	4	-	-	-	-	-	-	-	-	-	-	1	2
ton Old Town - - - - N.R.	26933	15	6	-	3	-	-	-	-	-	-	-	-	1	-	-	-
gerston WH - - N.R. & E.L.	43421	51	22	5	6	-	-	1	-	-	-	-	-	3	4	4	5
kney-road H - - - - E.L.	29822	27	10	3	3	-	-	1	-	-	-	-	1	-	-	-	-
en, Bethnal Green WHL† - E.L.	42433	23	25	6	3	-	-	-	1	2	-	-	-	1	1	2	9
rch, Bethnal Green - - E.L.	26577	20	12	5	-	-	-	-	-	1	-	-	-	2	-	1	-
n, Bethnal Green - - - E.L.	21272	13	10	2	3	-	-	-	-	1	-	-	-	3	-	-	-
alfields H - - E.L. & N.R.	22499	9	9	4	4	-	-	-	-	-	-	-	-	-	-	-	-
End New Town W - E.L.	15550	12	11	3	3	-	-	-	-	2	-	-	-	2	-	-	5
techapel North - E.L. & N.R.	11597	5	5	2	1	-	-	-	-	-	-	-	-	1	-	-	-
techapel Church H - - E.L.	7322	2	13	2	1	-	-	-	-	-	-	-	-	2	3	3	11
dman's Fields - - - - E.L.	10381	8	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-
gate - - - - N.R. & E.L.	9224	5	3	1	-	-	-	-	-	-	-	-	-	1	-	-	-
Mary St. George East - - E.L.	17900	13	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-
'aul St. George East - - E.L.	21350	18	9	4	-	-	-	-	-	-	-	1	-	-	-	-	-
John St. George East W - E.L.	8802	11	7	1	2	-	-	-	-	-	-	-	-	-	-	-	6
twell H - - - E.L. & N.R.	11640	7	7	3	-	-	-	-	-	-	-	-	-	2	1	1	3
cliff - - - - - E.L.	16131	7	7	1	1	-	-	-	-	-	-	-	-	-	1	1	-
shouse - - - - - E.L.	29919	24	15	7	-	-	-	2	-	-	-	-	-	3	1	1	-
End Old Town West - - E.L.	38128	31	11	5	-	-	-	-	-	-	-	-	-	-	1	-	-
End Old Town East WwwH - E.L.	55024	46	28	13	7	-	-	2	-	1	-	-	-	6	1	2	6
wwwH - - - - E.L.	67765	83	54	16	12	-	-	-	-	3	-	-	-	6	2	4	15
ar WW - - - - - E.L.	48611	32	16	5	2	-	-	-	-	-	-	1	-	1	1	2	2
SOUTH DISTRICTS.																	
stchurch Southwark WH L. & S.	14573	9	8	1	3	-	-	-	-	-	-	1	-	-	-	1	2
Saviour Southwark H - S.	15677	11	10	5	1	-	-	-	-	-	-	-	-	3	-	-	-
-road - - - - S. & L.	20421	17	10	2	-	-	1	-	1	1	-	-	-	1	1	1	-
ugh-road WH - - S. & L.	16695	11	7	2	1	-	-	-	-	-	-	-	-	2	-	-	1
lon-road HL - - L. & S.	18961	13	5	3	-	-	-	-	-	1	-	1	-	1	-	-	-
ity Newington - - S. & L.	23682	14	11	3	-	-	-	-	-	1	-	1	-	-	-	-	-
'eter Walworth W - S. & L.	48248	52	25	11	3	-	-	1	-	1	-	1	-	4	-	-	4
lary Newington - - L. & S.	16792	8	10	3	1	-	-	-	1	2	-	-	-	2	-	1	-
lave Southwark H - - S.	4373	1	10	1	-	-	-	-	-	-	-	1	-	-	1	1	10
ohn Horsleydown W - - S.	10500	9	4	2	-	-	-	-	-	-	-	-	-	1	1	1	-
her Market - - - S. & L.	16787	10	10	3	3	-	1	-	1	-	-	-	-	3	-	-	-
lary Magdalen W - - - S.	15709	12	10	4	2	-	-	-	-	-	-	-	-	2	-	-	2
ames Bermondsey - - S.	47933	34	17	4	2	-	-	1	1	-	-	-	-	2	-	-	-
erhithe W - - - S. & K.	27096	23	12	3	3	-	-	-	-	-	-	-	-	1	1	2	3
erloo-road 1st H - - L. & S.	14074	12	7	-	-	-	-	-	-	2	-	-	-	1	-	-	1
erloo-road 2nd H - - L. & S.	18465	18	4	2	-	-	-	-	-	1	-	-	-	-	-	1	-
beth Church 1st H - L. & S.	19492	11	15	2	4	-	-	1	-	1	-	1	-	-	3	3	10
beth Church 2nd WW - L. & S.	35833	36	21	8	7	-	-	-	-	-	-	-	-	2	-	-	8
ington 1st - - - S. & L.	41286	32	12	2	3	-	-	1	1	-	-	-	-	1	-	-	-
ington 2nd - - - S. & L.	31221	16	9	3	5	-	-	-	-	-	-	-	-	1	-	-	-
on w - - - - L. & S.	35435	41	23	5	6	-	-	1	-	1	-	4	-	1	-	-	4
wood W - - - - - L.	12536	15	4	2	-	-	-	-	-	-	-	-	-	1	-	-	1
nam H - - - - - S.	27347	15	13	5	3	-	-	-	-	1	-	-	-	1	1	-	-
ersea Ww - - - - S.	54016	93	31	11	6	-	-	-	-	2	-	-	-	5	1	1	6
dsworth HL - - - S.	19783	14	10	2	2	-	-	-	-	1	-	-	-	-	1	1	3
ey - - - - - - S.	9439	2	3	-	-	-	-	-	-	-	-	-	-	1	1	1	-
tham - - - - - L.	14475	11	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
ich - - - - - L. & S.	4041	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
berwell WL†L† - - S. & L.	31254	31	22	7	2	-	-	1	-	2	-	-	-	6	-	-	4
nam W - - S., L., & K.	42160	44	26	11	6	-	-	1	-	2	1	-	-	5	-	-	-
eorge Camberwell - L. & S.	33851	32	13	5	1	-	-	2	-	2	-	-	-	1	2	2	-
aul Deptford w - - - K.	53714	44	25	8	2	4	-	-	-	-	-	-	-	2	1	1	3
icholas Deptford - - - K.	6474	11	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
wich West - - - - K.	21034	19	12	7	1	-	-	-	-	-	-	-	-	2	2	2	-
wich East WH - - - K.	19378	15	12	-	3	-	-	-	-	-	-	-	-	-	-	-	5
m H - - - - - K.	4539	-	2	1	-	-	-	-	-	-	-	-	-	1	-	-	-
- - - - - - K.	16440	8	5	1	3	-	-	-	-	1	-	-	-	-	-	-	-
ham Village WH - - K.	11513	9	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
ham H - - - - L.	19065	20	8	2	-	-	1	-	-	-	-	-	-	2	-	-	-
ton H - - - - - K.	9564	8	4	1	-	-	-	1	-	-	-	-	-	1	1	-	-
wich Dockyard - - - K.	17226	13	8	3	-	-	-	1	-	-	-	-	-	1	-	-	-
wich Arsenal WHH - - K.	18331	17	8	3	1	-	-	-	-	-	-	-	-	1	1	2	-
stead West - - - - K.	13027	7	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
stead East W - - - K.	15232	16	6	-	4	-	-	-	-	-	-	-	-	-	2	3	2

following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by *w* :—

ntral London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
ndon City Workhouse in Islington East sub-district.
lborn Infirmary " " "
ndon City Workhouse " Hackney sub-district.
lborn " " Hoxton New Town sub-district.
itechapel " " Mile End Old Town Eastern sub-dist.
London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7.—LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 31st August, 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
	LONDON—OUTER RING	368,414	631,381	564	312	107	57	–	1	4	3	15	4	51	10	12
29 : 1	Carshalton *wL* - - -	12228	13523	11	10	6	–	–	–	–	–	–	–	2	–	–
2	Epsom (*part of*) * *WH* -	9971	9145	7	1	–	–	–	–	–	–	–	–	–	–	–
36 : 1	Godstone (*part of*) * - -	2754	900	1	1	1	–	–	–	–	–	–	–	–	–	–
37 : 1	Croydon *WWH* - - -	20851	71319	66	21	3	4	–	–	–	1	1	1	3	–	–
2	Mitcham *WH* - - -	11697	12534	18	6	2	1	–	–	–	1	–	–	–	–	–
38 : 1	Wimbledon *HH* - - -	3220	9087	3	4	1	2	–	–	–	–	–	–	1	–	–
2	Kingston *WH* - - -	8549	27489	25	12	6	2	–	–	–	–	–	–	3	–	–
3	Esher (*part of*) * - -	6601	7353	4	3	1	1	–	–	–	–	–	–	–	–	–
4	Hampton - - - -	4573	10185	8	10	3	3	–	–	–	–	–	–	3	–	–
39 : 1	Richmond *WH* - - -	2271	16829	6	9	4	3	–	–	–	–	–	–	1	–	–
2	Mortlake - - - -	2961	9316	8	2	–	1	–	–	–	1	–	–	–	–	–
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	18	9	5	1	–	–	–	–		1	2	–	1
2	Chislehurst (*part of*) * *W* -	13665	10028	3	3	1	1	–	–	–	–	–	–	1	–	–
41 : 1	Bexley *H* - - - -	13439	19566	17	8	2	4	–	–	–	–	–	–	1	1	1
123 : 1	Sunbury *W* - - -	11055	9860	5	1	–	–	–	–	–	–	–	–	–	–	–
2	Staines *W* - - - -	13277	10339	12	7	–	3	–	–	–	–	–	–	1	1	1
124 : 1	Hillingdon *WH* - - -	6029	9712	8	5	2	1	–	–	–	–	–	–	1	–	–
2	Uxbridge - - - -	6178	5329	4	3	1	2	–	–	–	–	–	–	–	–	–
3	Hayes *WL* - - - -	14587	10497	6	3	–	–	–	–	–	–	–	–	–	–	–
125 : 1	Isleworth *W* - - -	7008	19930	8	12	3	4	–	–	–	–	1	–	1	–	1
2	Twickenham - - -	2477	10533	7	4	2	1	–	–	–	–	1	–	1	–	–
3	Brentford *HL* - - -	4370	20279	14	12	3	1	–	–	1	–	1	–	3	1	1
4	Chiswick - - - -	1311	8508	11	9	7	–	–	–	–	–	–	–	3	1	1
5	Acton *WH* - - - -	6087	12683	17	7	2	2	–	–	–	–	–	–	–	2	2
126 : 1	Harrow *H* - - - -	13809	10869	9	2	–	–	–	–	–	–	–	–	–	–	–
2	Edgware *H* - - -	6994	3450	1	2	–	–	–	–	–	–	–	–	–	–	–
3	Willesden - - - -	4383	15869	14	7	2	3	–	–	–	–	2	–	2	–	–
4	Hendon *WH* - - -	8382	6972	7	4	3	1	–	–	–	–	–	–	1	–	1
127 : 1	South Mimms - - -	15419	5924	3	4	2	–	–	–	–	–	–	–	2	–	–
2	Barnet *W* - - - -	5423	7752	12	6	1	2	–	–	–	–	–	–	–	–	–
3	Finchley *L* - - - -	4688	11493	6	12	2	1	–	–	–	–	–	–	–	–	–
128 : 1	Hornsey *H* - - - -	3039	19357	28	14	4	1	–	–	1	–	1	–	1	–	–
2	Tottenham *H* - - -	4642	22869	26	11	5	1	–	–	–	–	1	–	2	–	–
3	Edmonton *WW* - - -	7483	13860	6	15	5	3	–	–	1	–	1	–	3	–	–
4	Enfield *WH* - - -	12653	16054	5	8	2	2	–	–	–	–	1	1	1	1	1
5	Waltham Abbey - - -	11017	5197	5	–	–	–	–	–	–	–	–	–	–	–	–
6	Cheshunt - - - -	8493	7518	6	3	–	2	–	–	–	–	–	–	–	1	1
134 : 1	Hatfield (*part of*) * - -	3180	559	1	–	–	–	–	–	–	–	–	–	–	–	–
136 : 1	Bushey - - - -	9028	6472	1	2	1	–	–	–	–	–	–	–	–	–	–
185 : 1	Stratford - - - -	882	23286	34	11	6	–	–	–	–	–	1	1	4	–	–
2	West Ham *WWWW* - -	7345	44642	60	26	10	1	–	1	1	–	2	–	5	–	–
3	Leyton *WW* - - -	4274	15513	17	6	4	1	–	–	–	–	1	–	1	1	–
4	Walthamstow *H* - -	6619	15701	17	3	1	–	–	–	–	–	–	–	–	–	–
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	4	4	–	1	–	–	–	–	–	–	–	1	1
188 : 1	Romford (*part of*) * - -	6730	2879	1	2	–	–	–	–	–	–	–	–	1	–	–
2	Ilford - - - - -	8492	5947	4	3	1	1	–	–	–	–	–	–	1	–	–
3	Barking Town - - -	4128	6576	10	5	3	–	–	–	–	–	1	–	–	–	–

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follo
29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Gods
sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, excep
two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 9
134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoidon-
(pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 31st August 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	
REATER LONDON	446,494	4,450,015	19·7	4·2	1677	504	321	6	8	33	15	71	27	199	69	295
INNER LONDON -	78,080	3,577,304	19·9	4·1	1365	397	264	6	7	29	12	56	23	148	59	262
OUTER RING -	368,414	872,711	18·7	4·7	312	107	57	-	1	4	3	15	4	51	10	33

OTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal 697·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than miles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,758,933 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of Stillborn.	DEATHS. Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	July	20	-	190	23·0	Small-pox 15; cholera 9; fevers 53.
BOMBAY - -	644,405	"	30	-	532	42·9	Cholera 30.
MADRAS - -	397,552	"	12	-	271	35·4	Small-pox 6.
PARIS - - -	1,988,806	August	29	-	909	23·8	Typhd. fev. 33; diph. 16; diarrhœal diseases 41.
GENEVA - -	68,792	"	24	30	25	19·0	Diarrhœal diseases 6.
BRUSSELS - -	175,782	"	17	118	97	28·8	Typhoid fever 1; diarrhœal diseases 13.
AMSTERDAM -	302,266	"	17	202	124	21·3	Whooping-cough 4; diarrhœal diseases 3.
ROTTERDAM -	142,585	"	17	120	64	23·3	Scarlet fever 2.
THE HAGUE -	107,896	"	17	71	52	25·0	Scarlet fever 2; diarrhœal diseases 3.
COPENHAGEN -	220,000	"	20	117	124	29·4	Diarrhœal diseases 54.
STOCKHOLM -	152,825	"	17	-	82	27·9	Diarrhœal diseases 35.
CHRISTIANIA -	105,000	"	24	80	46	22·4	Typhoid fever 1; diarrhœal diseases 13.
ST. PETERSBURGH	669,741	"	17	-	516	40·1	Sm.-pox 23; diar. dis. 94; typhus & typhd. fev. 30.
BERLIN - -	1,019,620	"	10	851	588	29·7	Diph. 13; scarlet fev. 14; typhus 10; diar. dis. 145.
HAMBURG (State)	406,104	"	17	326	201	25·8	Typhus and typhd. fev. 5; diarrhœal diseases 49.
DRESDEN - -	207,845	"	17	148	106	26·2	Scar. fev. 4; diph. & croup 5; diarrhœal dis. 16.
BRESLAU - -	267,000	"	24	201	183	35·6	Scarlet fever 7; typhus 3; diarhœal dis. 61.
MUNICH - -	222,000	"	24	159	143	33·0	Diarrhœal diseases 52; diphtheria and croup 4.
VIENNA - -	727,271	"	24	458	346	24·7	Small-pox 19; diphtheria 11; diarrhœal dis. 57.
BUDA-PESTH -	319,530	"	17	260	221	35·9	Diarrhœal diseases 44.
ROME - - -	282,214	July	20	145	150	27·7	Typhus and typhoid fev. 6; diarrhœal dis. 20.
NAPLES - -	457,407	"	29	-	296	33·8	Typhus and typhoid fev. 12; diarrhœal dis. 41.
TURIN - -	227,843	August	17	157	97	22·2	Small-pox 6; typhus and typhoid fever 4.
VENICE - -	139,796	"	24	-	-	-	—
ALEXANDRIA -	212,034	"	15	136	190	46·8	Whooping-cough 12; diphtheria 1.
NEW YORK -	1,084,528	"	3	-	586	28·1	Scar. fev. 13; diphth. 15; diarrhœal diseases 180.
BROOKLYN -	549,438	July	27	-	248	22·5	Typhus and typhoid fev. 3; diarrhœal dis. 80.
PHILADELPHIA	876,118	August	10	-	301	17·9	Typhoid fever 14; diarrhœal diseases 47.
BALTIMORE -	355,000	"	3	-	126	18·5	Scarlet fever 5; diarrhœal diseases 19.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 31st AUGUST, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.	Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Difference. Between Dew Point Temperature and Air Temperature. Greatest.	Difference. Between Dew Point Temperature and Air Temperature. Least.	Difference. Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. Osler's. General Direction. P.M.	Wind. Osler's. Pressure on square foot. Greatest.	Wind. Osler's. Pressure on square foot. Least.	Wind. Osler's. Pressure on square foot. Mean of 24 Obs	Wind. Robinson's. Amount of Horizontal Movement of Air each day.	Wind. Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
AUGUST.		in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN. . 25	..	29·350	71·4	54·7	16·7	60·8	57·8	116·8	50·5	66·3	64·3	3·0	12·2	0·0	+ 0·3	90	WSW.	SW.	0·0	0·0	0·0	175	− 51	0·01	0·0
MON. . 26	..	29·353	72·1	52·1	20·0	61·9	56·2	121·9	47·1	66·1	63·8	5·7	16·6	0·2	+ 1·5	82	SSW.& NE.	SE. WSW. & SW.	0·0	0·0	0·0	91	−139	0·00	3·2
TUES. 27	..	29·516	73·4	57·7	15·7	62·8	57·1	127·2	52·3	65·8	63·5	5·7	17·1	0·0	+ 2·5	82	SW.	SW.& SSW.	3·4	0·0	0·1	284	+ 50	0·08	5·0
WED. 28	New	29·610	72·9	56·6	16·3	63·7	56·5	138·3	51·8	65·8	63·5	7·2	13·3	1·3	+ 3·5	77	SW.	SW. & WSW.	3·3	0·0	0·3	348	+102	0·00	16·0
THURS. 29	Perigee. In Equator	29·415	73·0	56·8	16·2	62·2	59·5	118·0	53·9	65·8	63·5	2·7	8·5	0·6	+ 2·1	91	SW. S. & SE.	SW. & S.	1·7	0·0	0·0	208	− 52	0·32	16·7
FRI. . 30	..	29·294	70·5	57·4	13·1	61·3	57·1	123·8	54·2	65·8	63·3	4·2	10·8	0·9	+ 1·3	86	S. SW. & WSW.	SW.	34·0	0·0	1·2	454	+194	0·42	12·5
SAT. . 31	..	29·527	67·3	56·6	10·7	60·2	56·2	114·3	54·0	64·8	62·3	4·0	9·5	1·7	+ 0·4	87	WSW.	W.	2·7	0·0	0·0	360	+100	0·32	4·5
MEANS .	..	29·438	71·5	56·0	15·5	61·8	57·2	122·9	52·0	65·8	63·5	4·6	12·6	0·7	+ 1·7	85	SW.		..	..	..	Sum 1920	Sum +204	Sum 1·15	8·3
No. of Col.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. AUGUST.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY .	25	Positive with slight exceptions throughout.	0·9	13·9	A little rain fell in early morning; fine but cloudy throughout day.
MONDAY	26	Positive in the morning, weak negative in afternoon, positive afterwards	2·8	13·9	Generally cloudy till evening; cloudless at night.
TUESDAY	27	Weak positive - -	5·7	13·8	Cloudy and showery in morning; fine afterwards.
WEDNESDAY	28	Very little weak positive.	9·4	13·8	A fine day; partially cloudy.
THURSDAY .	29	Strong electricity both positive and negative in early morning; no electricity afterwards.	3·9	13·7	Cloudy. Frequent showers of rain, with thunder.
FRIDAY .	30	Positive and negative with variable tension.	3·6	13·7	A gale of wind in morning. Variable and showery with lightning and thunder during day.
SATURDAY .	31	Positive and negative with generally weak tension.	1·2	13·6	Overcast generally. Showers of rain. Thunder in afternoon.
..		..	Sum 27·5	Sum 96·4	
No. of Col. .		28	29	30	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and − "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Sir E. Y. W. Henderson, R.E., K.C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 29·31 in. at the beginning of the week to 29·37 in. by 8h. P.M. on the 25th; decreased to 29·32 in. by noon on the 26th; increased to 29·60 in. by noon on the 28th;

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
9th September, 1878.

United Kingdom.

During last week 5737 *births* and 3366 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality from all causes was at the average rate of 21 deaths annually in every 1000 persons living. The annual death-rate was 17 per 1000 in Edinburgh, 19 in Glasgow, and 24 in Dublin ; small-pox caused 8 deaths in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow :—Bristol 15, Plymouth 16, London 18, Sheffield 19, Oldham 20, Nottingham 21, Newcastle 22, Wolverhampton 22, Leeds 23, Portsmouth 23, Sunderland 23, Manchester 24, Bradford 24, Leicester 24, Brighton 24, Norwich 25, Birmingham 26, Salford 28, Liverpool 28, and the highest rate 28 in Hull. The annual death-rate from the seven principal zymotic diseases averaged 5·3 per 1000 in the twenty towns, of which 2·9 was due to diarrhœa. Scarlet fever was fatally prevalent in Birmingham, Liverpool, and Salford. The deaths from enteric fever showed excess in Portsmouth and Salford. Small-pox caused 3 deaths in London, but not one in any of the nineteen provincial towns. The fatality of diarrhœa had further declined from the numbers in recent weeks ; the annual death-rate from this disease averaged 2·9 per 1000 in the twenty towns, and ranged from 0·5 and 2·4 in Brighton and Oldham, to 7·4 and 8·4 in Norwich and Wolverhampton.

London.

In London 2416 births and 1260 deaths were registered. Allowing for increase of population, the births exceeded by 90, while the deaths were 166 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the five preceding weeks had declined from 27·4 to 19·9, further declined last week to 18·4, a lower rate than in any week since September last.

Of the 1260 deaths registered in the week, one in West Plumstead was ascribed to "immersion and congestion of the lungs." It was the death of Henry William Vachell, aged 66, who had been picked up in the river and carried to the house of a medical man to die. The death was registered on Friday, and is the first of several hundreds caused by the sinking of the "Princess Alice" on Tuesday in the Thames at Tripcock Point, near Barking Reach. The Registrar General has instructed the Superintendent Registrar and the Registrars of the adjoining Districts to use every effort to register all the sad deaths, with the authentic particulars that can be procured. The registration in such cases awaits the Coroner's certificate and cannot be completed before next week. Mr. Blest, the Deputy Superintendent Registrar of Woolwich, writes on Sunday evening, 9.0 pm., "The bodies brought to "the dockyard, Woolwich, up to this time are 521."

The 1260 deaths included 3 from small-pox, 10 from measles, 30 from scarlet fever, 10 from diphtheria, 54 from whooping-cough, 25 from different forms of fever, and 120 from diarrhœa; thus to the seven principal diseases of the zymotic class 252 deaths were referred, against numbers declining from 649 to 281 in the five preceding weeks. These 252 deaths were 101 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 3·7 per 1000. The 54 fatal cases of whooping-cough showed a further decline of 2 from the numbers in recent weeks, but exceeded the corrected weekly average by 18 ; the disease was fatally prevalent in Islington, Bow, and Camberwell. The deaths from measles and scarlet fever continue considerably below the average numbers ; scarlet fever, however, caused 4 deaths in Hammersmith, 3 in Islington, 4 in Shoreditch and 4 in Lambeth. The 10 fatal cases of diphtheria again exceeded the average ; they included 2 in the Children's

Hospital, Great Ormond Street, and 2 in Lambeth. The deaths referred to fever, which had been but 16 and 23 in the two preceding weeks, further rose to 25 last week, but were 7 below the corrected average weekly number; 18 fatal cases were certified as enteric or typhoid, 2 as typhus, and 5 as simple continued fever. The 2 deaths certified from typhus, were of the wife of a hairdresser, aged 26 years, at 813, Commercial Road, Limehouse, and of the son of a cork-cutter, aged 6 years, at 7, Fair Street, Mile End Old Town. Three fatal cases of enteric fever were recorded in Kensington, 3 in Pancras, 2 in Lambeth, and 3 in Greenwich.

The deaths referred to diarrhœa and simple cholera, which had been 494, 351, 268, 201, and 154 in the five preceding weeks, further declined last week to 124, and were 55 below the corrected average number; 76 were of infants under one year of age, and 31 of children aged between one and five years. Diarrhœa showed the greatest proportional fatality last week in East London. The 4 deaths referred to simple cholera included that of a French-polisher, aged 25 years, in Bethnal Green, certified as "cholera, 4 days, exhaustion;" and that of the wife of a labourer, aged 29 years, from choleraic diarrhœa; the two others were fatal cases of infantile choleraic diarrhœa.

The fatal cases of small-pox, which had been 10 and 6 in the two previous weeks, further declined to 3 last week, a lower number than in any previous week since the beginning of August 1876; of these, one occurred in the Metropolitan Asylum Hospital at Deptford, and the other two in private houses at Walworth and Peckham. The hospital case was of an unvaccinated adult female; the two cases occurring in private practice were of children aged 4 years and 4 months, respectively, the medical certificates not giving in either case any information as to vaccination. The Metropolitan Asylum Hospitals contained 178 small-pox patients on Saturday last, showing a further decline of 16 from the numbers at the end of recent weeks; 18 new cases were admitted during the week, against 36, 22, and 18 in the three preceding weeks. The Highgate Small-pox Hospital contained but 7 patients on Saturday last.

Different forms of violence caused 41 deaths; 36 were the result of negligence or accident, including 13 from fractures and contusions, 6 from drowning, 3 from poison, and 3 of infants under one year of age from suffocation. The death of a lady's-maid, aged 23 years, in St. George's Hospital, was referred to mercurial salivation. The 13 deaths from fractures and contusions were thus caused:—males aged 43 and 9, and female 52, run over by vans; male 51 and female 33, fell from carts; males 58 and 68, fell from lofts; females 68 and 91, fell down stairs; males 43 and 29, by walls falling upon them; male 43, by fracture of skull (not stated how); and female 73, by fracture of femur (not stated how). An inquest was held in each of these cases, except the last, which was certified by a registered medical practitioner.

In the large Public Institutions 233 deaths were recorded, or 18 per cent. of the total deaths; of these, 141 occurred in Workhouse Establishments, 85 in Hospitals, and 7 in Lunatic Asylums.

Greater London.

In the Greater London 2972 births and 1475 deaths were registered, equal to annual rates of 34·8 and 17·3 per 1000 of the population. In the Outer Ring, 4 fatal cases of enteric fever and 3 of diphtheria were registered in Croydon sub-district. The fatality of diarrhœa showed a further considerable decline.

Dr. Frankland reports, as the result of his analyses of the waters supplied to the Metropolis, during August, that taking the average amount of organic impurity in a given volume of the Kent Company's water, during the nine years ending December 1876, to represent unity, the proportional amount of such impurity in an equal volume of water supplied by each of the other Companies, was:—Kent 1·1, Colne Valley 2·0, New River 2·1, Southwark 2·7, Chelsea 2·9, West Middlesex 2·9, East London 2·9, Grand Junction 3·2, and Lambeth 3·4. The Thames and Lea waters delivered by the Companies supplying Inner London had been efficiently filtered, and were of superior quality to those delivered during June and July. The deep well waters supplied by the other Companies were of the usual excellent quality. The temperature of the river waters ranged from 64°·9 to 67°·6, while that of the deep well waters did not exceed 56°·1 Fahrenheit.

Dr. Hill, Medical Officer of Health, reports that the proportion of organic matter in the water supplied to Birmingham showed a very great reduction. Dr. Mills reports that the Loch Katrine water supplied to Glasgow was of a pale brown colour, and contained "muddy particles with some flakes."

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 27, Bombay 35, Madras 31; Paris 22; Geneva 26; Brussels 27; Amsterdam 21, Rotterdam 20, The Hague 30; Copenhagen 23; Stockholm 25; Christiania 20; St. Petersburgh 38; Berlin 31, Hamburg 26, Dresden 25, Munich 37; Vienna 28, Buda-Pesth 33; Rome 25, Turin 18; Alexandria 50; New York 27, Brooklyn 24, Philadelphia 21, and Baltimore 21. Cholera caused 10 deaths in Calcutta and 32 in Bombay.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·97 in.; the lowest reading was 29·65 in. at the beginning of the week, and the highest 30·13 in. at noon on Monday. The mean temperature of the *air* was 61°·2, and 2°·3 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from observations at the Royal Observatory. The mean was slightly below the average on the first two days, but showed a considerable excess during the remainder of the week; on Sunday, 1st instant, the mean was only 57°·8, and was 1°·6 below the average, whereas on Thursday it was 64°·8, and in excess by 6°·2. The lowest night temperature was 49°·7 on Tuesday, and the highest day temperature in the shade 76°·4 on Saturday; the extreme range in the week was, therefore, 26°·7. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 136°·7 on Tuesday. The difference between the mean *dew-point* and *air* temperature averaged 5°·7. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 62°·8. The mean degree of *humidity* of the air was 82, complete saturation being represented by 100. The direction of the *wind* was variable, and the horizontal movement of the air averaged 7·3 miles per hour, which was 3·4 below the average in the corresponding week of 16 years. No *rain* was measured during the week. The duration of registered bright sunshine in the week was 31·2 hours, the sun being above the horizon during 93·1 hours; the recorded duration of sunshine was, therefore, equal to 34 per cent. of its possible duration. The amount of ozone in the air was below the average.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames was 370,949 cubic metres at Crossness, and 418,618 cubic metres at Barking, equivalent to about as many tons by weight.

The Registrar General has to acknowledge the courtesy of the London Water Companies who have furnished him with the average daily quantity of Water supplied during the month of August 1878; according to their returns 144,956,441 gallons or 658,603 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 264 gallons (119·9 decalitres), rather more than a *ton* by weight, to each house, and 37·1 gallons (16·9 decalitres) to each person, against 35·2 gallons during August 1877.

Companies.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons (including that for Manufactures and for various purposes other than for domestic consumption) during the Month of	
	August 1877.	August 1878.	August 1877.	August 1878.
Total Supply	536,183	549,801	134,068,057	144,956,441
From Thames	251,810	259,032	66,879,519	72,204,470
From Lea and from other Sources	284,373	290,769	67,188,538	72,751,971
Thames.				
Chelsea	28,741	29,014	9,433,500	8,870,300
West Middlesex	49,621	50,960	10,868,645	10,549,687
Southwark and Vauxhall	78,720	81,260	19,400,000	25,294,031
Grand Junction	37,683	38,462	12,237,074	12,787,652
Lambeth	57,045	59,336	14,940,300	14,702,800
Lea and other Sources.				
New River	125,749	127,127	29,515,000	31,091,000
East London	113,192	117,084	29,583,448	32,447,800
Kent	45,432	46,558	8,090,090	9,213,171

Note.—The Return for August 1878, as compared with that for the corresponding month of 1877, shows an increase of 13,618 houses, and of 10,888,384 gallons of water supplied daily.

Analysis of Metropolitan Water Supply during August.

Royal College of Chemistry, South Kensington Museum,
31*st August*, 1878.

Sir,

I have to report to you in the following Table the results of the chemical analyses of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of August.

I append, also, the results obtained in the analyses of the waters supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the nine years ending December 1876 as unity, the proportional

amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies was :—Kent 1·1, Colne Valley 2·0, New River 2·1, Southwark 2·7, Chelsea 2·9, West Middlesex 2·9, East London 2·9, Grand Junction 3·2, and Lambeth 3·4.

The water abstracted from the Thames and Lea by seven out of the eight Companies supplying the Inner Circle was efficiently filtered before delivery, and its quality was also in other respects better than during June and July.

The water supplied by the Kent and Colne Valley Companies, and by the Tottenham Local Board of Health, was bright and of its usual excellent quality.

Seen through a stratum two feet deep, the water supplied by the Kent Company, and by the Tottenham Local Board, was clear and colourless; the New River Company's water was clear and very nearly colourless; the Colne Valley and West Middlesex Companies' water was clear and very pale yellow; that supplied by the Chelsea, Southwark, and East London Companies, clear and pale yellow; that by the Lambeth Company, clear and yellow; and that by the Grand Junction Company, clear and brownish yellow.

Dr. Hill, the Medical Officer of Health for Birmingham, reports that the quantity of organic matter in the water supplied to that town in August had undergone a very great reduction.

Dr. Mills, F.R.S., of Anderson's College, Glasgow, reports that the water supplied to that city from Loch Katrine "was pale brown in colour, and contained muddy particles with some flakes."

I am, &c.

The Registrar General, &c. &c. E. Frankland.

Results of Analysis expressed in Parts per 100,000.

Companies or Local Authorities.	Date and Place of Collection.	Temperature in centigrade degrees.	Total Solid Matters.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Nitrates and Nitrites.	Total combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle. Thames: Chelsea	1st August, Cab Rank, Horse Guards.	18·8°	23·84	·153	·021	0	·091	·112	1·6	19·4
Inner Circle. Thames: West Middlesex	1st August, Cab Rank, Portland-road.	19·8	26·06	·150	·024	0	·132	·156	1·5	19·7
Inner Circle. Thames: Southwark	1st August, Cab Rank, St. George's Church, Borough.	19·3	26·36	·133	·024	0	·134	·158	1·5	20·6
Inner Circle. Thames: Grand Junction	1st August, 14, Lancastr.-gate, HydePk.	18·3	26·18	·165	·033	0	·146	·179	1·5	20·6
Inner Circle. Thames: Lambeth	1st August, Cab Rank, Westminster Bridge-road.	18·8	27·82	·181	·019	0	·166	·185	1·6	20·3
Inner Circle. Other Sources: New River	1st August, Cab Rank, Tottenham-court-road.	18·3	27·18	·100	·023	0	·179	·202	1·5	20·9
Inner Circle. Other Sources: East London	1st August, Royal Hotel, Mile-End-rd.	19·0	26·42	·144	·026	0	·113	·139	1·7	20·9
Inner Circle. Other Sources: Kent	2nd August, Deptford Police Station.	13·3	44·48	·049	·014	0	·478	·492	2·5	28·1
Outer Circle. Colne Valley	8th August, Bushey, Herts.	13·4	19·14	·106	·013	·019	·326	·355	1·5	12·1
Outer Circle. Tottenham Local Board	15th August, High-street, Tottenham.	–	46·20	·064	—	0	·438	—	3·2	27·2
Corporation of Birmingham*	12th August, 27 Court, Sherlock-street.	17·7	33·80	·139	·031	·005	·209	·244	1·7	20·2
Corporation of Glasgow †	15th August, Loch Katrine service.	17·0	3·10	·112	·013	0	·007	·020	·65	1·4
Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

* Analysed by Dr. Alfred Hill, Medical Officer of Health and Analyst to the Borough.
† Analysed by Dr. E. J. Mills, F.R.S., of Anderson's College, Glasgow.

The numbers in columns 4–11 all relate to 100,000 parts of the waters. The Table is to be read thus: the Chelsea Company's water, collected on the 1st August at the Horse Guards cab-rank, had a temperature of 18°·8 C.; 100,000 lbs. of it contained 23·84 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·153 lb. of carbon and ·021 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·091 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of *combined* nitrogen in every form was ·112 lb. The above weight of water also contained 1·6 lbs. of chlorine; and 19·4 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

Table 1.—Births and Deaths registered, and Meteorology,* in 23 Towns of the United Kingdom, during the Week ending Saturday, 7th September, 1878.

Cities and Boroughs. (*Municipal Boundaries, except for* London *and* Dublin.)	Area in Acres, exclusive of tidal water and foreshore.	Population estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 7th September, 1878. Births.	Deaths.	Temperature of the Air. (Fahrenheit.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Temperature of the Air. (Centigrade.) Weekly Mean of the Daily Mean Values.	Rain Fall. In Inches.	In Centimetres.
In 23 Towns in the United Kingdom	220,307	8,373,953	38·0	5737	3366	77·0	43·3	60·6	15·90	0·11	0·28
London	75,362	3,577,304	47·5	2416	1260	76·4	49·7	61·2	16·22	0·00	0·00
Brighton	2,354	103,923	44·1	52	47	71·0	49·5	59·8	15·45	0·02	0·05
Portsmouth	4,486	129,461	28·9	89	56	–	–	–	–	–	–
Norwich	7,472	84,620	11·3	46	40	75·2	53·0	61·7	16·50	0·06	0·15
Plymouth	1,395	73,599	52·8	43	22	72·0	50·5	60·4	15·78	0·07	0·18
Bristol	4,452	206,419	46·4	142	61	75·0	47·2	60·1	15·62	0·02	0·05
Wolverhampton	3,396	74,240	21·9	57	32	70·6	50·2	58·0	14·44	0·09	0·23
Birmingham	8,400	383,117	45·6	291	193	–	–	–	–	–	–
Leicester	3,200	121,473	38·0	91	56	–	–	–	–	–	–
Nottingham	9,960	165,267	16·6	124	65	74·4	48·0	60·2	15·67	0·87	2·21
Liverpool	5,210	532,681	102·2	399	289	69·9	53·8	62·0	16·67	0·00	0·00
Manchester	4,293	360,514	84·0	257	169	–	–	–	–	–	–
Salford	5,170	170,251	32·9	126	90	76·5	49·1	60·1	15·62	0·01	0·03
Oldham	4,666	107,366	23·0	64	42	–	–	–	–	–	–
Bradford	7,220	185,088	25·6	121	86	68·8	50·4	59·5	15·28	0·26	0·66
Leeds	21,572	304,948	14·1	242	134	70·0	52·0	60·1	15·62	0·07	0·18
Sheffield	19,651	289,537	14·7	199	107	75·5	50·0	61·6	16·45	0·01	0·03
Hull	3,635	143,139	39·4	113	78	73·0	51·0	60·3	15·73	0·00	0·00
Sunderland	2,768	112,459	40·6	93	49	77·0	55·0	63·1	17·28	0·08	0·20
Newcastle-on-Tyne	5,371	144,570	26·9	95	61	–	–	–	–	–	–
Edinburgh	4,191	222,371	53·1	160	72	–	–	–	–	–	–
Glasgow	6,033	566,940	94·0	343	210	72·0	51·0	61·0	16·11	0·17	0·43
Dublin	10,050	314,666	31·3	174	147	74·4	43·3	61·0	16·11	0·02	0·05

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.

† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

Table 2.—Deaths and Rate of Mortality in 20 large English Towns, having an estimated population of 7,269,976 persons, and in Dublin, during the Week ending Saturday, 7th September, 1878.

Boroughs, &c. (*Municipal Boundaries, except for* London *and* Dublin.)	Annual Rate of Mortality per 1000 living. From All Causes.	From Seven Zymotic Diseases.	Deaths from all Causes.	The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
In 20 Towns	21·1	5·3	2937	912	476	3	21	127	14	83	78	411	101	157	387
London	18·4	3·7	1260	354	231	3	10	30	10	54	25	120	41	64	233
Brighton	23·6	1·5	47	14	12	–	–	–	–	1	1	1	1	2	13
Portsmouth	22·6	4·4	56	17	7	–	–	–	–	–	4	7	1	3	6
Norwich	24·7	8·0	40	14	7	–	–	1	–	–	–	12	3	4	5
Plymouth	15·6	4·3	22	13	3	–	–	–	–	–	–	6	1	1	2
Bristol	15·4	3·8	61	19	11	–	–	–	1	–	3	11	3	4	10
Wolverhampton	22·5	8·4	32	12	6	–	–	–	–	–	–	12	1	1	1
Birmingham	26·3	11·4	193	73	22	–	1	29	–	2	6	46	10	25	19
Leicester	24·1	8·2	56	22	6	–	3	–	–	1	3	12	4	5	3
Nottingham	20·5	3·8	65	25	14	–	–	2	–	–	2	8	2	4	4
Liverpool	28·3	8·2	289	72	36	–	2	23	2	3	12	42	10	12	35
Manchester	24·5	5·8	169	46	22	–	1	7	–	4	4	24	4	7	18
Salford	27·6	9·5	90	33	12	–	–	6	–	–	5	20	3	4	7
Oldham	20·4	4·4	42	10	8	–	–	3	–	–	1	5	2	2	–
Bradford	24·2	4·2	86	24	14	–	2	1	–	1	2	9	3	4	11
Leeds	22·9	7·0	134	46	25	–	2	9	–	7	1	22	3	5	7
Sheffield	19·3	5·9	107	35	13	–	–	7	–	5	4	17	2	3	4
Hull	28·4	9·1	78	39	13	–	–	2	–	2	3	18	2	2	3
Sunderland	22·7	6·5	49	26	5	–	–	3	–	1	–	10	3	2	1
Newcastle-on-Tyne	22·0	6·5	61	18	9	–	–	4	1	2	2	9	2	3	5
Dublin	24·4	6·6	147	37	25	8	–	2	–	3	7	20	6	5	37

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the THIRTY-SIXTH Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	1995	2127	1884	2055	2190	2248	2211	2288	2384	2356	2173·8	2416
Males . .	991	1069	1003	1027	1131	1131	1130	1172	1266	1184	1110·4	1233
Females .	1004	1058	881	1028	1059	1117	1081	1116	1118	1172	1063·4	1183
TOTAL **Deaths**	1352	1601	1322	1422	1236	1286	1209	1492	1231	1180	1333·1	1260
Males . .	684	773	687	727	605	688	634	794	667	615	687·4	639
Females .	668	828	635	695	631	598	575	698	564	565	645·7	621

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	June 15.	June 22.	June 29.	July 6.	July 13.	July 20.	July 27.	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.
TOTAL **Deaths** - - -	1300	1391	1570	1511	1589	1787	1792	1877	1694	1517	1433	1365	1260
0—20 - -	684	687	782	807	957	1083	1161	1194	1032	856	805	721	648
20—40 - -	181	203	218	183	160	187	186	205	187	176	191	163	174
40—60 - -	190	260	260	222	225	227	204	227	227	205	194	217	207
60—80 - -	210	210	252	199	213	243	209	217	208	233	202	215	189
at 80 years & upwds.	35	31	58	40	34	47	32	34	40	47	41	49	42
Deaths of children: Under 1 year -	341	328	392	469	598	700	758	812	676	534	492	397	354
Deaths of children: 1—5 - - -	250	266	284	292	279	296	302	297	256	227	232	219	213
Deaths of children: 5—20 - -	93	93	106	106	80	87	101	85	100	95	81	105	81
Deaths from 7 principal Zymotic Diseases	220	215	280	350	408	525	622	649	513	397	340	281	252
" " Smallpox - -	24	19	38	19	11	19	11	18	14	9	10	6	3
" " Measles - -	20	17	24	31	16	13	21	19	14	10	10	7	10
" " Scarlet Fever -	24	17	23	19	20	21	27	26	26	27	24	29	30
" " Diphtheria -	8	12	7	11	8	8	7	6	11	11	11	12	10
" " Whooping-cough	101	108	97	108	85	106	101	89	77	60	74	56	54
" " Typhus fever -	2	3	5	3	2	3	1	–	–	1	1	2	2
" " Enteric (or Typhoid) fever -	14	11	10	9	13	15	16	17	28	12	12	20	18
" " Simple Cont^d fever	6	5	4	5	4	1	4	4	4	4	3	1	5
" " Diarrhœa - -	21	23	72	145	249	339	434	470	339	263	195	148	120
" " Simple Cholera -	–	–	6	11	7	10	23	24	12	5	6	6	4
" " Dis. of Respiratory Organs -	200	204	236	188	180	202	151	159	155	139	141	175	158
" " Phthisis - -	169	192	187	170	149	163	169	193	173	158	169	157	145
" " Heart Diseases -	71	95	105	76	79	61	78	71	93	82	72	58	72
Violent Deaths - - -	49	48	46	60	71	46	50	50	57	59	35	59	41
Inquest Cases - - -	76	86	76	94	116	76	86	85	91	104	72	91	64
Deaths in Public Institutions	236	257	308	274	250	276	261	254	257	253	231	262	233
TEMPERATURE OF THE AIR:													
Mean - - - -	55°·7	59°·0	70°·7	60°·1	61°·9	66°·8	65°·2	60°·5	65°·9	62°·2	61°·5	61°·8	61°·2
Mean of Highest readings -	64·6	71·3	82·8	70·3	71·8	78·9	76·0	71·5	76·3	73·2	70·6	71·5	72·1
Mean of Lowest readings -	49·1	48·0	57·9	51·7	54·0	54·6	58·1	52·6	56·9	54·9	54·4	56·0	52·8
Mean Temperature of the Water of the Thames -	60·6	60·3	65·1	67·9	66·1	66·5	69·5	68·6	66·7	67·1	65·7	64·7	62·8
Humidity of the Air - -	77	76	63	78	70	70	81	77	76	79	79	85	82
Rain-fall in inches - -	1·28	0·99	0·61	0·94	0·02	0·00	0·21	0·25	2·22	1·08	0·71	1·15	0·00
Registered Sunshine (in hours)	39·8	42·4	73·9	21·6	33·3	56·4	37·6	30·7	54·5	41·1	21·5	27·5	31·2

METEOROLOGICAL OBSERVATIONS. (*See* TABLE **1.**)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-SIXTH Week of the Year 1878.

CAUSES OF DEATH.	Average in the Thirty-sixth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, September 7, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature -	59°·5	61°·2							
ALL CAUSES - -	1333·1	1260	354	213	81	174	207	189	42
SPECIFIED CAUSES	1328·8	1258	353	213	81	174	206	189	42
I. ZYMOTIC.									
ORDER 1.									
1. Small-pox - - -	12·2	3	1	1	-	1	-	-	-
2. Measles - - -	19·5	10	2	8	-	-	-	-	-
3. Scarlet Fever - -	68·0	30	1	21	8	-	-	-	-
4. Diphtheria - -	6·0	10	-	6	3	1	-	-	-
5. Quinsy - - -	1·0	-	-	-	-	-	-	-	-
6. Croup - - -	11·1	6	-	6	-	-	-	-	-
7. Whooping-cough -	34·0	54	24	29	1	-	-	-	-
8. Typhus - - -	30·3 (Enteric or Typhoid Fev.)	2	-	-	1	1	-	-	-
— Enteric or Typhoid Fev.		18	2	3	1	8	2	2	-
— Simple continued Fev.		5	1	1	1	1	-	1	-
9. Erysipelas - -	6·5	2	2	-	-	-	-	-	-
10. Puerperal Fev. (Metria)	4·4	2	-	-	-	2	-	-	-
11. Carbuncle - -	·7	-	-	-	-	-	-	-	-
12. Influenza - - -	·2	-	-	-	-	-	-	-	-
13. Dysentery - -	2·9	3	-	-	-	-	1	2	-
14. Diarrhœa - - -	159·5	120	76	29	1	-	2	11	1
15. Simple Cholera - -	7·8	4	-	2	-	2	-	-	-
16. Ague - - - -	·1	1	-	-	-	-	1	-	-
17. Remittent Fever -	·1	-	-	-	-	-	-	-	-
18. Rheumatism - -	8·9	5	-	-	3	2	-	-	-
19. Other *Zymotic* Diseases	·4	-	-	-	-	-	-	-	-
ORDER 2.									
1. Syphilis - - -	8·2	9	8	-	-	-	1	-	-
2. Stricture of Urethra -	1·6	1	-	-	-	-	-	1	-
3. Hydrophobia - -	·2	-	-	-	-	-	-	-	-
4. Glanders - - -	·1	-	-	-	-	-	-	-	-
ORDER 3.									
1. Privation - - -	·5	1	-	-	-	-	1	-	-
2. Want of Breast-milk -	11·9	15	15	-	-	-	-	-	-
3. Purpura and Scurvy -	1·6	2	1	-	1	-	-	-	-
4. Alcoholism { *a* Del. Tremens	1·8	1	-	-	-	-	1	-	-
{ *b* Intemperance	1·4	5	-	-	-	3	1	1	-
ORDER 4.									
1. Thrush - - -	5·9	10	9	1	-	-	-	-	-
2. Worms, &c. - -	·4	1	-	-	-	1	-	-	-
II. CONSTITUTIONAL.									
ORDER 1.									
1. Gout - - - -	1·8	4	-	-	-	-	1	3	-
2. Dropsy - - -	10·0	5	-	-	1	1	1	2	-
3. Cancer - - -	32·4	28	-	-	-	1	9	15	3
4. Cancrum Oris (Noma)	·3	-	-	-	-	-	-	-	-
5. Mortification - -	2·9	2	-	-	-	-	1	1	-
ORDER 2.									
1. Scrofula - - -	9·1	12	6	3	3	-	-	-	-
2. Tabes Mesenterica -	37·6	38	23	14	1	-	-	-	-
3. Phthisis - - -	156·4	145	4	6	19	69	44	3	-
4. Hydrocephalus - -	23·3	29	9	14	5	-	1	-	-
III. LOCAL.									
ORDER 1.									
1. Cephalitis - - -	17·1	22	6	11	2	-	3	-	-
2. Apoplexy - - -	33·8	38	2	2	1	1	15	16	1
3. Paralysis - - -	23·5	20	-	-	-	2	3	15	-
4. Insanity - - -	2·7	6	-	-	-	1	3	1	1
5. Chorea - - -	·1	-	-	-	-	-	-	-	-
6. Epilepsy - - -	7·2	5	-	1	-	2	1	1	-
7. Convulsions - -	41·9	26	22	4	-	-	-	-	-
8. *Brain Disease, &c.* -	15·4	17	-	3	-	2	6	6	-
ORDER 2.									
1. Pericarditis - -	2·9	1	-	-	1	-	-	-	-
2. Aneurism - - -	2·5	4	-	-	-	2	2	-	-
3. *Heart Disease, &c.* -	54·3	67	-	-	7	12	28	19	1
ORDER 3.									
1. Laryngitis - - -	3·9	2	-	2	-	-	-	-	-
2. Bronchitis - - -	64·2	84	20	12	1	4	13	34	-
3. Pleurisy - - -	2·7	1	-	-	-	-	-	1	-
4. Pneumonia - -	42·7	53	6	24	4	13	3	3	-
5. Asthma - - -	4·6	3	-	-	-	-	1	2	-
6. *Lung Disease, &c.* -	10·4	15	7	2	-	1	2	2	1

CAUSES OF DEATH.	Average in the Thirty-sixth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, September 7, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature -	59°·5	61°·2							
ORDER 4.									
1. Gastritis - - -	1·7	1	-	-	-	1	-	-	-
2. Enteritis - - -	8·4	8	4	-	1	1	1	-	1
3. Peritonitis - - -	5·7	5	-	-	2	2	-	1	-
4. Ascites - - -	2·7	6	-	-	-	1	4	1	-
5. Ulceration of Intestines	2·6	3	-	-	-	1	1	1	-
6. Hernia - - -	4·0	1	-	-	-	-	-	1	-
7. Ileus - - -	3·3	4	-	-	-	-	1	2	1
8. Intussusception -	·5	2	-	-	-	-	1	1	-
9. Stricture of Intestines	1·1	-	-	-	-	-	-	-	-
10. Fistula - - -	·5	1	-	-	-	1	-	-	-
11. *Stomach Disease, &c.* -	7·8	5	1	-	1	1	-	2	-
12. *Pancreas Disease, &c.*	-	-	-	-	-	-	-	-	-
13. Hepatitis - - -	3·8	8	1	-	-	1	4	1	1
14. Jaundice - - -	5·3	2	-	-	-	1	-	1	-
15. *Liver Disease, &c.* -	21·4	30	-	-	-	5	16	8	1
16. *Spleen Disease, &c.* -	·1	-	-	-	-	-	-	-	-
ORDER 5.									
1. Nephritis - - -	2·6	5	-	-	-	-	3	2	-
2. Ischuria - - -	·3	-	-	-	-	-	-	-	-
3. Bright's Dis. (Nephria)	10·0	18	-	-	1	6	10	1	-
4. Diabetes - - -	·9	4	-	-	-	1	1	2	-
5. Calculus (Stone) -	·3	1	-	-	-	-	1	-	-
6. Cystitis - - -	1·5	-	-	-	-	-	-	-	-
7. *Kidney Disease, &c.* -	8·2	8	-	-	-	3	1	3	1
ORDER 6.									
1. Ovarian Dropsy -	·8	-	-	-	-	-	-	-	-
2. *Uterus Disease, &c.* -	3·9	2	-	-	-	1	1	-	-
ORDER 7.									
1. Synovitis (Arthritis)	·3	-	-	-	-	-	-	-	-
2. *Joint Disease, &c.*	6·0	8	-	-	2	1	4	1	-
ORDER 8.									
1. Phlegmon - - -	2·1	2	-	-	1	-	-	1	-
2. Ulcer - - - -	·7	1	-	-	-	-	-	1	-
3. *Skin Disease, &c.* -	1·4	1	1	-	-	-	-	-	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth -	22·1	23	23	-	-	-	-	-	-
2. Cyanosis - - -	2·6	1	1	-	-	-	-	-	-
3. Spina Bifida - -	·5	-	-	-	-	-	-	-	-
4. Other Malformations	1·4	2	2	-	-	-	-	-	-
5. Teething - - -	10·8	7	3	4	-	-	-	-	-
ORDER 2.									
1. Paramenia - - -	·1	-	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever) - -	6·9	3	-	-	-	3	-	-	-
ORDER 3.									
1. Old Age - - -	40·1	40	-	-	-	-	-	12	28
ORDER 4.									
1. Atrophy and Debility	80·1	68	62	3	-	-	1	2	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	14·3	13	-	-	1	2	6	3	1
2. Wounds { Gunshot	·6	-	-	-	-	-	-	-	-
{ Cut, Stab		-	-	-	-	-	-	-	-
3. Burns and Scalds -	3·1	1	-	-	-	1	-	-	-
4. Poison - - -	·8	3	-	-	-	3	-	-	-
5. Drowning - - -	9·1	6	-	-	4	2	-	-	-
6. Suffocation - -	7·3	4	3	-	1	-	-	-	-
7. Otherwise - - -	3·6	9	3	1	2	2	1	-	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	1·8	2	2	-	-	-	-	-	-
ORDER 4. SUICIDE.)									
1 Wounds { Gunshot -	-	-	-	-	-	-	-	-	-
{ Cut, Stab -	·9	-	-	-	-	-	-	-	-
2. Poison - - -	·8	1	-	-	-	-	1	-	-
3. Drowning - - -	1·2	-	-	-	-	-	-	-	-
4. Hanging - - -	1·2	2	-	-	-	1	1	-	-
5. Otherwise - - -	·7	-	-	-	-	-	-	-	-
ORDER 5. (EXECUTION.)									
1. Hanging - - -	-	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - -	·9	-	-	-	-	-	-	-	-
Causes not specified or ill-defined - - -	3·4	2	1	-	-	-	1	-	-

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

Table 6. LONDON.—Population, Births, Deaths from all Causes, and from Small-pox, Measles, Scarlet
during the Week ending

Registration Sub-districts.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age.	Deaths of Persons aged 60 Years & upwds.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
LONDON	3,254,260	2416	1260	354	231	3	10	30	10	54	2	18	5	120	41	64	233
West Districts	561,359	346	215	59	40	-	1	6	2	10	-	3	2	20	6	8	39
North Districts	751,729	591	243	60	47	-	1	7	-	7	-	4	1	27	2	6	38
Central Districts	334,369	184	126	42	16	-	3	1	3	3	-	3	1	8	7	11	31
East Districts	639,111	491	265	69	50	-	-	8	2	10	2	1	-	30	14	28	54
South Districts	967,692	804	411	124	78	3	5	8	3	24	-	7	1	35	12	11	71
West Districts.																	
St. Mary Paddington *WH* G.J. & W.M.	58728	37	20	6	6	-	1	-	-	2	-	-	-	1	1	-	2
St. John Paddington *H* - - G.J.	38085	13	8	2	2	-	-	-	-	-	-	-	-	-	1	1	1
Kensington Town *W* - - - W.M.	91645	56	32	9	7	-	-	1	1	4	-	2	-	1	-	1	3
Brompton *H* - - - W.M. & C.	28654	10	9	2	1	-	-	-	-	-	-	1	1	-	-	-	3
St. Peter Hammersmith - - W.M.	6662	1	4	1	2	-	-	-	-	1	-	-	-	1	-	-	-
St. Paul Hammersmith *H* W.M. & G.J.	36029	41	24	8	3	-	-	4	-	-	-	-	-	3	1	2	1
Fulham *WwH* - - - W.M. & C.	23350	23	16	5	3	-	-	-	-	1	-	-	1	3	-	1	1
Chelsea South *HHH* - - - C.	26420	8	4	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Chelsea North-west *WHHHH* - C.	22926	16	16	5	2	-	-	-	-	-	-	-	-	1	1	-	7
Chelsea North-east - - - C.	21392	30	13	5	3	-	-	-	-	-	-	-	-	4	-	-	-
Hanover Square *H* - - - G.J.	18698	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
May Fair *WW* - - - - G.J.	13358	3	8	1	2	-	-	-	1	-	-	-	-	-	-	-	4
Belgrave *HH* - - - - C.	57972	27	17	3	3	-	-	-	-	-	-	-	-	2	1	-	7
St. John Westminster *HH* - - C.	38478	37	9	2	3	-	-	-	-	-	-	-	-	1	-	-	3
St. Margaret Westminster *WH* - C.	27781	13	10	1	2	-	-	-	-	-	-	-	-	-	-	2	5
Golden Square *WH* - - - G.J.	12860	7	6	3	-	-	-	-	-	-	-	-	-	1	-	-	-
Berwick-street *H* - N.R. & G.J.	20759	5	9	2	-	-	-	1	-	1	-		-	-	1	1	-
St. Anne Soho *HHHHH* - - N.R.	17562	10	10	4	1	-	-	-	-	-	-	-	-	2	-	-	2
North Districts.																	
All Souls Marylebone *HHHH* - W.M.	28579	18	5	-	2	-	-	-	-	-	-	-	-	-	-	1	-
Cavendish Square *HH* - - - W.M.	15425	4	3	1	1	-	-	-	-	-	-	-	-	1	-	-	-
Rectory Marylebone *WH* G.J. & W.M.	26384	14	14	5	2	-	-	-	-	-	-	-	-	2	1	1	9
St. Mary Maryleb. *HHH* G.J. & W.M.	21786	21	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch Marylebone *H* - W.M.	33944	17	9	-	3	-	-	-	-	-	-	-	-	1	-	-	-
St. John Marylebone *H* - - W.M.	33136	17	9	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Hampstead *WwHH* - N.R. & W.M.	32281	23	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Regent's Park Pancras - - - W.M.	38200	32	5	2	1	-	-	-	-	-	-	-	-	1	-	-	-
Tottenham-court *wHHH* N.R.&W.M.	29370	16	13	-	2	-	-	1	-	-	-	-	-	-	-	-	7
Gray's Inn Lane *HHH* - - N.R.	29221	21	13	3	3	-	-	-	-	-	-	1	-	1	-	-	2
Somers Town - - - - N.R.	38533	28	17	4	5	-	-	-	-	-	-	1	-	5	-	-	-
Camden Town *WH* - - - N.R.	17943	22	7	1	4	-	-	-	-	-	-	-	-	-	-	-	4
Kentish Town *w* - - - - N.R.	68198	78	28	7	7	-	-	2	-	1	-	1	-	3	-	-	7
Islington West *HHH* - - - N.R.	97820	71	30	9	2	-	1	1	-	3	-	-	-	3	-	2	2
Islington East *WwwH* - - - N.R.	115958	93	34	11	3	-	-	2	-	2	-	1	-	3	-	-	2
Stoke Newington *H* - - - N.R.	9841	19	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Stamford Hill - - - - E.L.	6598	8	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney - - - - N.R.	28069	20	11	5	2	-	-	-	-	-	-	-	-	1	-	-	-
Hackney *WwwHL* - - E.L.&N.R.	50104	40	26	6	5	-	-	1	-	1	-	-	1	5	1	2	5
South Hackney - - - - E.L.	30339	29	6	1	2	-	-	-	-	-	-	-	-	1	-	-	-
Central Districts.																	
St. George Bloomsbury - - N.R.	17853	4	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-
St. Giles South *WH* - - - N.R.	19109	19	10	5	-	-	-	-	-	1	-	-	-	1	-	-	3
St. Giles North - - - - N.R.	16594	8	5	1	-	-	-	-	1	-	-	-	-	-	-	-	-
St. Martins-in-the-Fields* - N.R. & C.	21278	5	12	3	2	-	2	-	-	-	-	1	-	-	2	2	2
St. Mary-le-Strand - - - N.R.	9378	4	3	1	-	-	-	-	-	-	-	-	-	2	-	1	-
St. Clement Danes *H* - - - N.R.	10723	6	8	4	1	-	-	-	-	-	-	-	-	1	-	-	2
St. George-the-Martyr *HHHHH* N.R.	20521	7	14	3	-	-	1	-	2	-	-	-	-	1	-	1	6
St. Andrew Eastern *W* - - N.R.	13529	6	6	1	2	-	-	-	-	-	-	-	-	-	-	-	4
Saffron Hill *H* - - - - N.R.	9066	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell *W* - - N.R.	18917	26	8	5	-	-	-	-	-	-	-	-	-	2	-	2	1
Amwell Clerkenwell - - - N.R.	16884	14	7	3	2	-	-	-	-	-	-	-	-	-	1	1	-
Pentonville - - - - - N.R.	13337	9	5	2	-	-	-	-	-	-	-	-	-	1	-	-	-
Goswell-street - - - - N.R.	16242	13	5	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Old-street *H* - - - - N.R.	12161	11	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-
City-road *HHL* - - - - N.R.	18301	13	6	3	1	-	-	-	-	1	-	-	-	-	-	-	-
Whitecross-street - - - - N.R.	13792	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Finsbury - - - - - N.R.	10741	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph *H* - - - N.R.&E.L.	14540	9	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Cripplegate - - - - - N.R.	13638	1	3	-	1	-	-	-	-	-	-	-	-	-	1	1	-
St. Sepulchre *H* - - - - N.R.	7562	-	13	-	2	-	-	1	-	-	-	1	-	-	2	2	13
St. Bride *W* - - - - - N.R.	11185	4	5	3	-	-	-	-	-	1	-	-	1	-	-	-	-
Castle Baynard - - - - N.R.	4426	1	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch - - - - N.R.	6270	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe - - - - - N.R.	4753	4	1	-	1	-	-	-	-	-	-	-	-	-	1	1	-
Allhallows Barking - - - N.R.	5764	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street *H* - - - - N.R.	7845	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* On 1st August the sub-districts of Long Acre and Charing Cross were united for registration purposes under the name of St. Martins-in-the-Fields sub-district.

Note.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifies Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East London; and K. the Kent Company.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT turday, 7th September 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
olywell Shoreditch - N.R. & E.L.	12430	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
. Leonard Shoreditch *HL*† - N.R.	16545	3	4	-	1	-	-	1	-	-	-	-	-	-	-	-	1
oxton New Town *w* - - N.R.	27835	18	12	2	2	-	-	-	-	-	-	-	-	1	-	2	1
oxton Old Town - - N.R.	26933	14	5	1	1	-	-	-	-	-	-	-	-	-	-	1	-
aggerston *WH* - - N.R. & E.L.	43421	40	20	3	5	-	-	3	-	-	-	-	-	-	-	-	8
ackney-road *H* - - - - E.L.	29822	24	8	4	1	-	-	1	-	-	-	-	-	-	-	-	-
reen, Bethnal Green *WHL*† - E.L.	42433	34	19	4	5	-	-	-	-	-	-	-	-	2	1	5	7
urch, Bethnal Green - - E.L.	26577	20	7	2	1	-	-	1	-	-	-	-	-	3	-	-	-
own, Bethnal Green - - - E.L.	21272	12	8	4	-	-	-	-	-	-	-	-	-	1	1	1	-
italfields *H* - - E.L. & N.R.	22499	12	9	5	1	-	-	1	-	-	-	-	-	1	1	2	-
de End New Town *W* - E.L.	15550	11	10	2	4	-	-	-	-	-	-	-	-	3	-	1	6
hitechapel North - E.L. & N.R.	11597	4	3	-	-	-	-	-	-	-	-	-	-	-	-	1	-
hitechapel Church *H* - - E.L.	7322	7	11	-	2	-	-	-	-	-	-	-	-	-	3	3	10
odman's Fields - - - - E.L.	10381	6	7	-	1	-	-	-	-	1	-	-	-	-	-	-	-
dgate - - - - N.R. & E.L.	9224	8	5	1	-	-	-	-	-	-	-	-	-	2	2	2	-
. Mary St. George East - - E.L.	17900	15	12	6	1	-	-	-	-	-	-	-	-	2	1	2	-
. Paul St. George East - - E.L.	21350	11	5	2	-	-	-	-	-	1	-	-	-	1	-	-	-
. John St. George East *W* - E.L.	8802	3	6	2	2	-	-	-	1	-	-	-	-	-	-	-	4
adwell *H* - - - E.L. & N.R.	11640	10	2	1	-	-	-	-	-	-	-	-	-	-	1	1	1
tcliff - - - - - - E.L.	16131	12	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-
mehouse - - - - - - E.L.	29919	24	11	3	2	-	-	1	-	1	1	1	-	-	-	-	-
le End Old Town West - - E.L.	38128	32	14	7	2	-	-	-	-	-	1	-	-	6	-	-	-
le End Old Town East *WwwH* - E.L.	55024	57	27	6	7	-	-	-	-	1	-	-	-	4	-	-	4
w *wwwH* - - - - - - E.L.	67765	77	36	10	9	-	-	-	1	4	-	-	-	2	2	4	10
plar *WW* - - - - - - E.L.	48611	32	18	4	1	-	-	-	-	2	-	-	-	2	2	3	2
SOUTH DISTRICTS.																	
ristchurch Southwark *WH* L. & S.	14573	14	4	2	-	-	1	-	-	-	-	-	-	1	-	-	-
Saviour Southwark *H* - - S.	15677	14	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-
nt-road - - - S. & L.	20421	10	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-
rough-road *WH* - - S. & L.	16695	13	8	4	1	-	-	-	-	1	-	-	-	2	-	-	4
ndon-road *HL* - - L. & S.	18961	15	12	4	1	-	-	-	-	1	-	1	-	1	1	1	-
inity Newington - - S. & L.	23682	21	8	3	3	-	-	1	-	-	-	1	-	-	-	-	-
Peter Walworth *W* - S. & L.	48248	30	25	4	7	1	-	-	-	-	-	-	-	8	-	-	11
Mary Newington - - L. & S.	16792	16	7	2	1	-	-	-	-	2	-	-	-	1	-	-	-
Olave Southwark *H* - - S.	4373	1	5	-	1	-	-	-	-	-	-	-	-	-	1	1	5
John Horsleydown *W* - - S.	10500	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
ather Market - - S. & L.	16787	9	8	1	1	-	-	-	-	1	-	-	-	1	-	-	-
Mary Magdalen *W* - - S.	15709	10	11	6	1	-	-	-	-	1	-	-	-	1	-	-	2
James Bermondsey - - S.	47933	44	9	2	2	-	1	-	-	-	-	-	-	2	1	1	-
therhithe *W* - - - S. & K.	27096	21	6	5	-	-	1	-	-	-	-	-	-	1	-	-	-
aterloo-road 1st *H* - - L. & S.	14074	12	7	1	-	-	-	-	1	-	-	-	-	2	-	-	-
aterloo-road 2nd *H* - - L. & S.	18465	16	8	1	2	-	-	2	-	1	-	-	-	-	-	-	-
mbeth Church 1st *H* - L. & S.	19492	12	9	1	-	-	-	-	-	1	-	-	-	-	1	1	5
mbeth Church 2nd *WW* - L. & S.	35833	33	28	6	11	-	-	-	1	1	-	-	-	2	-	-	12
nnington 1st - - - S. & L.	41286	27	29	10	7	-	-	2	-	2	-	1	-	1	1	1	-
nnington 2nd - - - S. & L.	31221	19	6	1	2	-	-	-	-	-	-	-	-	1	-	-	-
ixton *w* - - - - L. & S.	35435	38	11	3	2	-	-	-	-	-	-	1	-	-	1	-	1
rwood *W* - - - - L.	12536	11	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
pham *H* - - - - - S.	27847	19	8	2	1	-	1	-	-	-	-	-	-	1	-	-	-
ttersea *Ww* - - - - S.	54016	75	23	10	4	-	1	-	-	-	-	-	-	2	2	2	5
andsworth *HL* - - - S.	19783	20	8	3	1	-	-	-	-	-	-	-	-	2	-	-	2
tney - - - - - - S.	9439	4	5	2	-	-	-	-	-	-	-	-	-	2	-	1	-
eatham - - - - - - L.	14475	14	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
lwich - - - - L. & S.	4041	3	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-
mberwell *WL*†*L*† - S. & L.	31254	25	25	2	7	-	-	1	1	2	-	-	1	-	-	-	11
kham *W* - - - S., L., & K.	42160	49	22	10	2	1	-	-	-	5	-	-	-	-	1	1	-
George Camberwell - - L. & S.	33851	28	12	5	1	-	-	1	-	3	-	-	-	-	-	-	-
Paul Deptford *w* - - - K.	53714	43	21	9	2	1	-	-	-	-	-	-	-	4	-	-	1
Nicholas Deptford - - - K.	6474	7	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-
enwich West - - - - K.	21034	12	7	4	2	-	-	-	-	1	-	1	-	1	-	-	-
enwich East *WH* - - - K.	19378	15	13	5	2	-	-	1	-	-	-	2	-	-	-	-	7
ham *H* - - - - - K.	4539	7	3	2	-	-	-	-	-	-	-	-	-	2	-	-	-
- - - - - - K.	16440	10	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-
visham Village *WH* - - K.	11513	11	7	2	2	-	-	-	-	-	-	-	-	-	1	1	2
enham *H* - - - - - L.	19065	17	6	1	1	-	-	-	-	1	-	-	-	-	-	-	-
rlton *H* - - - - - - K.	9564	3	4	2	-	-	-	-	-	1	-	-	-	-	1	-	2
olwich Dockyard - - - K.	17226	14	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-
olwich Arsenal *WHH* - - K.	18331	11	7	1	2	-	-	-	-	-	-	-	-	1	1	1	1
mstead, West - - - - K.	13027	15	4	2	2	-	-	-	-	-	-	-	-	-	-	-	-
mstead, East *W* - - - K.	15232	11	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-

e following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the e Table by *w*:—

Central London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary " " "
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.
London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 7th September 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
	LONDON—OUTER RING	368,414	631,381	556	215	71	40	-	1	2	5	6	8	28	6	10
29 : 1	Carshalton *wL* - - -	12228	13523	4	4	1	2	-	-	-	-	-	-	1	-	-
2	Epsom (*part of*) * *WH* -	9971	9145	8	5	1	-	-	-	-	-	-	-	-	1	1
36 : 1	Godstone (*part of*) * - -	2754	900	2	-	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	61	23	8	3	-	-	-	3	-	4	3	1	1
2	Mitcham *WH* - - -	11697	12534	4	6	2	3	-	-	-	-	1	-	1	-	-
38 : 1	Wimbledon *HH* - -	3220	9087	6	1	-	-	-	-	-	-	-	-	-	-	-
2	Kingston *WH* - - -	8549	27489	20	15	6	3	-	-	-	-	-	-	4	-	-
3	Esher (*part of*) * - -	6601	7353	9	-	-	-	-	-	-	-	-	-	-	-	-
4	Hampton - - - -	4573	10185	6	5	2	3	-	-	-	-	-	-	1	1	1
39 : 1	Richmond *WH* - - -	2271	16829	8	7	1	2	-	-	-	-	-	-	-	1	1
2	Mortlake - - - -	2961	9316	11	-	-	-	-	-	-	-	-	-	-	-	-
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	13	4	2	-	-	-	-	-	-	-	1	-	-
2	Chislehurst (*part of*)* *W* -	13665	10028	9	2	-	-	-	-	-	1	-	-	-	-	-
41 : 1	Bexley *H* - - - -	13439	19566	18	7	4	2	-	-	-	-	-	-	2	-	-
123 : 1	Sunbury *W* - - -	11055	9860	7	1	-	1	-	-	-	-	-	-	-	-	-
2	Staines *W* - - - -	13277	10339	2	-	-	-	-	-	-	-	-	-	-	-	-
124 : 1	Hillingdon *WH* - - -	6029	9712	6	3	1	-	-	-	-	-	-	-	-	-	-
2	Uxbridge - - - -	6178	5329	6	4	3	-	-	-	-	-	-	-	1	-	1
3	Hayes *WL* - - - -	14587	10497	8	1	-	-	-	-	-	-	-	-	1	-	-
125 : 1	Isleworth *W* - - -	7008	19930	13	2	-	-	-	-	-	-	-	-	-	-	-
2	Twickenham - - -	2477	10533	4	3	1	1	-	-	-	-	-	-	-	-	-
3	Brentford *HL* - - -	4370	20279	16	2	-	-	-	-	-	-	-	-	-	-	1
4	Chiswick - - - -	1311	8508	9	3	1	1	-	-	-	-	-	-	-	-	-
5	Acton *WH* - - - -	6087	12683	19	6	2	2	-	-	-	-	-	-	1	-	-
126 : 1	Harrow *H* - - - -	13809	10869	5	2	-	1	-	-	1	-	-	-	-	-	1
2	Edgware *H* - - -	6994	3450	2	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	22	5	1	-	-	-	-	-	-	-	-	-	1
4	Hendon *WH* - - -	8382	6972	6	4	3	-	-	-	-	-	-	-	1	1	1
127 : 1	South Mimms - - -	15419	5924	1	3	2	1	-	-	-	-	-	-	1	-	-
2	Barnet *W* - - - -	5423	7752	6	3	1	-	-	-	-	-	-	-	-	-	-
3	Finchley *L* - - - -	4688	11493	12	10	1	3	-	-	-	-	-	-	1	-	-
128 : 1	Hornsey *H* - - - -	3039	19357	24	6	2	1	-	-	1	-	1	-	-	-	-
2	Tottenham *H* - - -	4642	22869	20	6	2	1	-	-	-	-	-	1	-	-	-
3	Edmonton *WW* - - -	7483	13860	10	9	1	4	-	-	-	-	-	-	-	-	-
4	Enfield *WH* - - -	12653	16054	7	3	2	-	-	-	-	-	-	-	1	-	-
5	Waltham Abbey - - -	11017	5197	3	-	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	4	1	-	-	-	-	-	-	-	1	-	-	-
134 : 1	Hatfield (*part of*) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	6	1	-	-	-	-	-	-	-	-	-	-	-
185 : 1	Stratford - - - -	882	23286	28	14	6	2	-	-	-	-	3	1	2	-	-
2	West Ham *WWWW* - -	7345	44642	75	19	8	-	-	1	-	-	1	1	3	1	1
3	Leyton *WW* - - -	4274	15513	15	12	1	3	-	-	-	-	-	-	-	-	-
4	Walthamstow *H* - -	6619	15701	11	4	1	-	-	-	-	1	-	-	-	-	-
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	10	2	1	-	-	-	-	-	-	-	1	-	-
188 : 1	Romford (*part of*) * - -	6730	2879	6	2	1	1	-	-	-	-	-	-	1	-	-
2	Ilford - - - - -	8492	5947	6	1	-	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	8	4	3	-	-	-	-	-	-	-	1	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as fo: 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in G sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, exc two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (po 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoydo (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 7th September, 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	
EATER LONDON	446,494	4,450,015	17·3	3·5	1475	425	271	3	11	32	15	60	33	148	47	257
INNER LONDON -	78,080	3,577,304	18·4	3·7	1260	354	231	3	10	30	10	54	25	120	41	233
OUTER RING -	368,414	872,711	12·9	3·0	215	71	40	–	1	2	5	6	8	28	6	24

OTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal 97·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area 68,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, hich 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than iles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,758,933 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	July	27	–	221	26·8	Small-pox 17; cholera 10; fevers 79.
BOMBAY - -	644,405	August	6	–	546	34·8	Cholera 32; remittent fever 184.
MADRAS - -	397,552	July	19	288	237	30·9	Fevers 54; dysentery 26.
PARIS - -	1,988,806	September	5	–	821	21·5	Typhd. fev. 30; diph. 17; diarrhœal diseases 28.
GENEVA - -	68,792	August	31	32	34	25·8	Diarrhœal diseases 8.
BRUSSELS - -	175,782	"	24	120	91	27·0	Typhoid fever 5; diarrhœal diseases 12.
AMSTERDAM -	302,266	"	24	193	121	20·8	—
ROTTERDAM -	142,585	"	24	106	54	19·7	Scarlet fever 2.
THE HAGUE -	107,896	"	24	72	62	29·9	Typhoid fever 2.
COPENHAGEN -	220,000	September	3	137	96	22·8	Diarrhœal diseases 22.
STOCKHOLM -	152,825	August	24	–	72	24·5	Diarrhœal diseases 37.
CHRISTIANIA -	105,000	"	31	70	42	20·4	Typhoid fever 1; diarrhœal diseases 13.
ST. PETERSBURGH	669,741	"	24	–	484	37·6	Sm.-pox 23; diarr. dis. 94; typhus & typhd. fev. 42.
BERLIN - -	1,019,620	"	17	836	614	31·3	Diphth. 20; scar. fev. 13; typhus 11; diar. dis. 185.
HAMBURG (State)	406,104	"	24	428	205	26·3	Diarrhœal diseases 44.
DRESDEN - -	207,845	"	24	153	100	24·7	Diarrhœal diseases 28.
BRESLAU - -	267,000	"	31	–	–	–	—
MUNICH - -	222,000	"	31	172	158	37·0	Diarrhœal diseases 48.
VIENNA - -	727,271	"	31	494	393	28·1	Small-pox 12; diarrhœal diseases 69.
BUDA-PESTH -	319,530	"	24	251	202	32·9	Small-pox 3; diphth. 6; diar. dis. 64; typhus 4.
ROME - -	282,214	July	27	150	137	25·3	Diarrhœal diseases 20.
NAPLES - -	457,407	August	5	–	–	–	—
TURIN - -	227,843	"	24	139	80	18·3	Typhus and typhd. fev. 4; small-pox 1.
VENICE - -	139,796	"	31	–	–	–	—
ALEXANDRIA -	212,034	"	22	180	205	50·4	Whooping-cough 7; diphtheria 1.
NEW YORK -	1,084,528	"	10	–	560	26·9	Scarlet fev. 13; diph. 9; diarrhœal diseases 160.
BROOKLYN -	549,438	"	3	–	255	24·2	Diphtheria 4; wh.-cough 7; diarrhœal dis. 79.
PHILADELPHIA -	876,118	"	17	–	353	21·0	Typhoid fever 15; diar. dis. 59; scarlet fev. 5.
BALTIMORE -	355,000	"	10	–	143	21·0	Typhoid fever 4; diarrhœal diseases 20.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 7th SEPTEMBER, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Difference. Between Dew Point Temperature and Air Temperature. Greatest.	Difference. Between Dew Point Temperature and Air Temperature. Least.	Difference. Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. Osler's. General Direction. P.M.	Wind. Osler's. Pressure on square foot. Greatest.	Wind. Osler's. Pressure on square foot. Least.	Wind. Osler's. Pressure on square foot. Mean of 24 Obs.	Wind. Robinson's. Amount of Horizontal Movement of Air each day.	Wind. Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
SEPT.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN.	1	..	29·897	62·2	54·9	7·3	57·8	52·7	74·1	51·3	64·8	62·3	5·1	9·3	2·6	− 1·6	83	WNW.	WNW.	0·6	0·0	0·0	284	+ 26	0·00	0·0
MON.	2	..	30·113	70·9	52·2	18·7	58·5	50·9	131·0	51·2	64·3	61·8	7·6	18·5	4·0	− 0·8	76	WNW. & NNW.	WSW. & SW.	0·0	0·0	0·0	173	− 82	0·00	0·0
TUES.	3	First Quarter	30·076	72·8	49·7	23·1	60·7	52·9	136·7	46·4	64·3	60·8	7·8	14·6	1·2	+ 1·6	76	SW. & WSW.	SW. & S.	0·0	0·0	0·0	194	− 60	0·00	2·0
WED.	4	Greatest Dec. S.	29·957	74·5	50·4	24·1	61·8	55·5	132·8	47·0	64·3	60·8	6·3	15·6	0·2	+ 3·0	80	SE. & NE.	E. & ENE.	0·0	0·0	0·0	144	−112	0·00	8·0
THURS.	5	..	29·826	74·4	57·8	16·6	64·8	61·2	107·2	53·1	64·8	61·3	3·6	12·2	0·2	+ 6·2	88	NE. & E.	SW.	0·0	0·0	0·0	103	−154	0·00	0·0
FRI.	6	..	29·952	73·6	53·0	20·6	61·5	57·9	120·9	51·3	64·8	61·3	3·6	12·9	0·0	+ 3·1	88	WSW.	WSW. & W.	0·0	0·0	0·0	210	− 50	0·00	0·0
SAT.	7	..	29·948	76·4	51·7	24·7	63·1	57·5	133·6	47·0	62·8	60·3	5·6	16·3	0·0	+ 4·7	82	WSW.	WSW.	0·0	0·0	0·0	124	−144	0·00	0·0
MEANS		..	29·967	72·1	52·8	19·3	61·2	55·5	119·5	49·6	64·3	61·2	5·7	14·2	1·2	+ 2·3	82	Variable.		..	..	..	Sum 1232	Sum −576	Sum 0·00	1·4
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. SEPTEMBER.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY	1	Positive with generally weak tension throughout the week.	0·0	13·5	Overcast. Foggy in low grounds.
MONDAY	2		3·1	13·4	Generally cloudy till evening; fine and cloudless at night.
TUESDAY	3		10·1	13·4	Fine. The amount of cloud was small.
WEDNESDAY	4		2·8	13·3	Fine; generally cloudy.
THURSDAY	5		0·3	13·2	Cloudy.
FRIDAY	6		5·6	13·2	Overcast and foggy in morning; fine and partially cloudy till evening; cloudless at night.
SATURDAY	7		9·3	13·1	Fine. The amount of cloud was generally small.
..		..	Sum 31·2	Sum 93·1	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and − "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Sir E. Y. W. Henderson, R.E., K.C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 29·65 in. at the beginning of the week to 30·13 in. by noon on the 2nd; decreased to 29·81 in. by 3h. P.M. on the 5th; increased to 30·08 in. by 9h. P.M. on the 6th; and decreased to 29·94 in. at the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 37. 1878. Vol. XXXIX.] Week ending Saturday, September 14. [Price 1½*d.*

General Register Office, Somerset House,
September 16th, 1878.

United Kingdom.

During last week 5634 *births* and 3248 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality from all causes was at the average rate of 20 deaths annually in every 1000 persons living. The annual death-rate was 18 per 1000 in Edinburgh, 17 in Glasgow, and 25 in Dublin; small-pox caused 9 deaths in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Nottingham 16, Brighton 16, Bristol 17, Wolverhampton 18, London 18, Plymouth 20, Bradford 20, Portsmouth 21, Leicester 21, Sheffield 21, Leeds 22, Salford 22, Oldham 22, Newcastle-upon-Tyne 23, Manchester 24, Birmingham 24, Hull 24, Liverpool 25, Norwich 28, and the highest rate during the week 29 in Sunderland. The annual death-rate from the seven principal zymotic diseases averaged 4·5 per 1000 in the twenty towns, of which 2·3 was due to diarrhœa. Scarlet fever continues fatally prevalent in Birmingham and Liverpool, and the deaths from enteric fever were numerous in Salford, Nottingham, and Liverpool. Small-pox caused 7 deaths in London, but not one in any of the nineteen provincial towns. The fatal cases of diarrhœa showed a further decline from the numbers in recent weeks; the annual death-rate from this disease ranged in the twenty towns from 1·3 and 1·5 in London and Brighton, to 5·8 and 6·5 in Hull and Sunderland.

London.

In London 2373 births and 1259 deaths were registered. Allowing for increase of population, the births exceeded by 35, while the deaths were 106 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the six preceding weeks had declined from 27·4 to 18·4, was again so low as 18·4 last week. The latter part of the spring and the early autumn are usually the seasons of lowest death-rates in English towns.

The 1259 deaths included 7 from small-pox, 6 from measles, 27 from scarlet fever, 13 from diphtheria, 37 from whooping-cough, 32 from different forms of fever, and 89 from diarrhœa; thus to the seven principal diseases of the zymotic class 211 deaths were referred, against numbers declining from 649 to 252 in the six preceding weeks. These 211 deaths were 107 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 3·1 per 1000. The 37 fatal cases of whooping-cough showed a further considerable decline from the numbers returned in recent weeks, and only exceeded the corrected average by 3; the disease showed fatal prevalence in Mile End Old Town, Bermondsey, and Camberwell. Unusually few deaths were referred to measles, and the 27 fatal cases of scarlet fever were 52 below the corrected average, although 5 were recorded in Pancras, and 3 (including 2 at 14, Lordship Lane) in Camberwell. The deaths from diphtheria again showed a marked excess, and included 2 in St. Mary's Hospital, 2 in Islington, and 2 in Lambeth. The deaths referred to fever, which had been 16, 23, and 25 in the three preceding weeks, further rose to 32 last week, although they were 6 below the average; 25 fatal cases were certified as enteric or typhoid fever, 5 as typhus, and 2 as simple continued fever. The 5 fatal cases of typhus, all of which occurred in private dwelling-houses, were recorded at:—91, Tachbrook Street, Pimlico; 29, Belsize Crescent, Hampstead; 36, Queen's Crescent, Kentish Town; 7, Princes Court, Bethnal Green; and at 14, Cornwall Place, Lambeth. The 25 deaths referred to enteric or typhoid fever, included 4 in Pancras, 2 in Islington, 2 in Mile End Old Town, and 3 in Greenwich and Deptford.

The deaths referred to diarrhœa and simple cholera, which had declined steadily from 494 to 124 in the six preceding weeks, further fell to 90 last week, and were 45 below the corrected average; 54 were of infants under one year of age, and 28 of children aged between one and five years. Diarrhœa fatality was excessive in Fulham, Pancras, Islington, Hackney, Whitechapel, Lambeth, Battersea, and Deptford. The death of the daughter of a labourer, aged 12 years, in New Street, Southwark, was referred to "choleraic diarrhœa, 20 hours."

The fatal cases of small-pox, which had been but 6 and 3 in the two previous weeks, rose again to 7 last week, of which 4 occurred in the Metropolitan Asylum Hospital at Deptford, and 3 in private dwelling-houses. Three of the deceased small-pox patients had resided in Camberwell and 2 in Lambeth. The infant child of a general labourer died from small-pox at 1, Lawn Road, Hampstead; the child of a boiler-maker, aged 4 years, at 17, Surrey Street, Southwark; and the infant child of a gas-stoker at 1, Bexley Court, Peckham. The medical practitioner in each of these three cases omitted to insert in his medical certificate any information relating to the vaccination of the children. The Metropolitan Asylum Hospitals contained 148 small-pox patients on Saturday last, showing a further decline of 30 from the numbers at the end of recent weeks; only 2 new cases were admitted to these Hospitals during the week, against 18 in each of the two preceding weeks. The Highgate Small-pox Hospital contained but 7 patients on Saturday last.

Different forms of violence caused 43 deaths; 39 were the result of negligence or accident, including 19 from fractures and contusions, 6 from burns and scalds, 5 from drowning, and 5 of infants under one year of age from suffocation. The 19 deaths from fractures and contusions were thus caused:—a male aged 6 years, run over by cab; male 5, run over by omnibus; female 6, run over by van; male 63, run over by horse; male 39, fell from cab; male 37, run over on railway (railway not stated); male 21, fell from house; male 16, fell from window; male 43 and female 56, fell down stairs; male 31, fell from step (delirium tremens); male 25, fell from mast; male 43, fell from plank; male 30, fell whilst pile-driving; female 68, fell in street; male 22, by fracture of skull (not stated how); male 25, by blow from hammer; male 51, by planks falling upon him; and male 2, by fall (not stated how). An inquest was held in each of these cases, except the last, which was certified by a registered medical practitioner.

Greater London.

In the Greater London 2908 births and 1519 deaths were registered, equal to annual rates of 34·1 and 17·8 per 1000 of the population. In the Outer Ring, the proportion of zymotic deaths in West Ham sub-district showed a marked excess. Diphtheria caused one death in Croydon and one in Finchley.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 31, Bombay 34, Madras 36; Paris 20; Geneva 19; Brussels 24; Amsterdam 20, Rotterdam 22, The Hague 22; Copenhagen 23; Stockholm 25; Christiania 17; St. Petersburgh 37; Berlin 30, Hamburg 25, Dresden 27, Breslau 28, Munich 36; Vienna 24, Buda-Pesth 35; Rome 20, Turin 24, Venice 21; Alexandria 66; New York 27, Brooklyn 23, Philadelphia 17, and Baltimore 19.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·94 in.; the highest reading was 30·12 in. on Wednesday morning, and the lowest was 29·83 in. on Saturday afternoon. The mean temperature of the *air* was 59°·1, and 1°·3 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was slightly below the average on Thursday and Friday; but showed an excess on each of the other days of the week; on Sunday the mean was 62°·8 and 4°·5 above the average, while on Friday it fell to 55°·9 and was in defect by 1°·5. The lowest night temperature was 45°·0 on Wednesday, and the highest day temperature in the shade 77°·7 on Sunday; the extreme range in the week was, therefore, 32°·7. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 139°·0 on Sunday. The difference between the mean *dew-point* and *air* temperature averaged 6°·4. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police ship, was 61°·2. The mean degree of *humidity* of the air was 79, complete saturation being represented by 100. The direction of the *wind* was variable, and the horizontal movement of the air averaged 7·6 miles per hour, which was 4°·3 below the average in the corresponding week of 16 years. *Rain* fell on two days of the week, to the aggregate amount of ·02 of an inch. The duration of registered bright sunshine in the week was 40·1 hours, the sun being above the horizon during 90·0 hours; the recorded duration of sunshine was, therefore, equal to 44·6 per cent. of its possible duration.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, 14th September 1878.

CITIES AND BOROUGHS. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 14th September, 1878.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
In 23 TOWNS in the UNITED KINGDOM	220,307	8,373,953	38·0	5634	3248	79·0	38·2	57·8	14·34	0·23	0·58
LONDON	75,362	3,577,304	47·5	2373	1259	77·7	45·0	59·1	15·06	0·02	0·05
BRIGHTON	2,354	103,923	44·1	71	32	71·0	45·0	58·1	14·50	0·00	0·00
PORTSMOUTH	4,486	129,461	28·9	88	51	–	–	–	–	–	–
NORWICH	7,472	84,620	11·3	49	46	71·2	48·0	59·2	15·11	0·35	0·89
PLYMOUTH	1,395	73,599	52·8	39	28	70·0	46·5	58·7	14·83	0·69	1·75
BRISTOL	4,452	206,419	46·4	127	69	74·0	40·8	57·6	14·23	0·17	0·43
WOLVERHAMPTON	3,396	74,240	21·9	43	26	69·0	43·5	55·1	12·84	0·91	2·31
BIRMINGHAM	8,400	383,117	45·6	299	177	–	–	–	–	–	–
LEICESTER	3,200	121,473	38·0	82	48	–	–	–	–	–	–
NOTTINGHAM	9,960	165,267	16·6	106	50	72·9	38·2	56·0	13·33	0·07	0·18
LIVERPOOL	5,210	532,681	102·2	365	255	64·1	49·5	57·2	13·95	0·19	0·48
MANCHESTER	4,293	360,514	84·0	235	166	–	–	–	–	–	–
SALFORD	5,170	170,251	32·9	139	71	75·5	38·4	54·9	12·72	0·12	0·30
OLDHAM	4,666	107,366	23·0	81	45	–	–	–	–	–	–
BRADFORD	7,220	185,088	25·6	135	71	70·6	45·0	57·4	14·11	0·04	0·10
LEEDS	21,572	304,948	14·1	239	127	72·0	45·0	57·5	14·17	0·03	0·08
SHEFFIELD	19,651	289,537	14·7	193	117	72·0	45·0	57·5	14·17	0·03	0·08
HULL	3,635	143,139	39·4	107	66	71·0	43·0	57·4	14·11	0·35	0·89
SUNDERLAND	2,768	112,459	40·6	89	62	79·0	49·0	60·2	15·67	0·08	0·20
NEWCASTLE-ON-TYNE	5,371	144,570	26·9	92	63	–	–	–	–	–	–
EDINBURGH	4,191	222,371	53·1	139	77	–	–	–	–	–	–
GLASGOW	6,033	566,940	94·0	332	189	70·3	50·5	59·2	15·11	0·35	0·89
DUBLIN	10,050	314,666	31·3	211	153	72·5	42·3	59·7	15·39	0·23	0·58

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.

† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday, 14th September, 1878.

BOROUGHS, &c. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
				Deaths of		Deaths from									
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
In 20 TOWNS	20·3	4·5	2829	851	456	7	14	119	20	75	76	316	85	129	397
LONDON	18·4	3·1	1259	331	226	7	6	27	13	37	32	89	43	63	246
BRIGHTON	16·1	2·0	32	8	8	–	–	–	–	1	–	3	–	–	3
PORTSMOUTH	20·6	4·0	51	20	11	–	–	–	–	1	3	6	–	1	5
NORWICH	28·4	4·3	46	11	16	–	–	–	1	–	1	5	–	1	3
PLYMOUTH	19·8	3·5	28	8	6	–	–	1	–	–	1	3	1	2	1
BRISTOL	17·4	2·8	69	16	18	–	–	–	–	1	3	7	3	3	13
WOLVERHAMPTON	18·3	3·5	26	7	3	–	–	–	–	2	–	3	3	3	5
BIRMINGHAM	24·1	9·3	177	55	19	–	–	33	1	6	3	25	1	2	20
LEICESTER	20·6	3·4	48	22	9	–	1	–	–	–	–	7	–	4	3
NOTTINGHAM	15·8	3·2	50	18	11	–	–	–	–	–	5	5	2	2	7
LIVERPOOL	25·0	7·2	255	82	21	–	1	22	2	5	13	30	10	13	27
MANCHESTER	24·0	5·2	166	57	27	–	1	4	–	7	1	23	9	17	23
SALFORD	21·8	7·7	71	27	8	–	4	2	–	–	7	12	1	3	6
OLDHAM	21·9	6·3	45	16	5	–	–	5	1	–	–	7	–	1	2
BRADFORD	20·0	3·7	71	30	6	–	–	1	–	1	–	11	4	3	5
LEEDS	21·7	7·7	127	52	18	–	1	8	–	6	1	29	4	6	8
SHEFFIELD	21·1	4·3	117	29	16	–	–	9	–	2	1	12	2	1	11
HULL	24·1	8·0	66	26	14	–	–	1	1	–	4	16	–	–	5
SUNDERLAND	28·8	10·2	62	20	5	–	–	1	1	6	–	14	1	2	1
NEWCASTLE-ON-TYNE	22·7	5·4	63	16	9	–	–	5	–	–	1	9	1	2	3
DUBLIN	25·4	8·0	153	38	19	9	–	3	–	8	5	23	4	–	39

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the THIRTY-SEVENTH Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2021	1944	1986	2211	2070	2256	2314	2289	2396	2368	2185·5	2373
Males . .	1052	957	1002	1111	1069	1125	1171	1158	1211	1189	1104·5	1202
Females .	969	987	984	1100	1001	1131	1143	1131	1185	1179	1081·0	1171
TOTAL **Deaths**	1246	1409	1197	1422	1203	1319	1242	1338	1119	1261	1275·6	1259
Males . .	642	706	618	672	639	648	662	685	593	648	651·3	645
Females .	604	703	579	750	564	671	580	653	526	613	624·3	614

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	June 22.	June 29.	July 6.	July 13.	July 20.	July 27.	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.
TOTAL **Deaths** - - -	1391	1570	1511	1589	1787	1792	1877	1694	1517	1433	1365	1260	1259
0—20 - -	687	782	807	957	1083	1161	1194	1032	856	805	721	648	629
20—40 - -	203	218	183	160	187	186	205	187	176	191	163	174	193
40—60 - -	260	260	222	225	227	204	227	227	205	194	217	207	211
60—80 - -	210	252	199	213	243	209	217	208	233	202	215	189	187
at 80 years & upwds.	31	58	40	34	47	32	34	40	47	41	49	42	39
Deaths of children: Under 1 year -	328	392	469	598	700	758	812	676	534	492	397	354	331
Deaths of children: 1—5 - -	266	284	292	279	296	302	297	256	227	232	219	213	214
Deaths of children: 5—20 - -	93	106	106	80	87	101	85	100	95	81	105	81	84
Deaths from 7 principal Zymotic Diseases	215	280	350	408	525	622	649	513	397	340	281	252	211
" " Small-pox -	19	38	19	11	19	11	18	14	9	10	6	3	7
" " Measles - -	17	24	31	16	13	21	19	14	10	10	7	10	6
" " Scarlet fever -	17	23	19	20	21	27	26	26	27	24	29	30	27
" " Diphtheria -	12	7	11	8	8	7	6	11	11	11	12	10	13
" " Whooping-cough	108	97	108	85	106	101	89	77	60	74	56	54	37
" " Typhus fever -	3	5	3	2	3	1	–	–	1	1	2	2	5
" " Enteric (or Typhoid) fever -	11	10	9	13	15	16	17	28	12	12	20	18	25
" " Simple Contd fever	5	4	5	4	1	4	4	4	4	3	1	5	2
" " Diarrhœa - -	23	72	145	249	339	434	470	339	263	195	148	120	89
" " Simple Cholera -	–	6	11	7	10	23	24	12	5	6	6	4	1
" " Dis. of Respiratory Organs -	204	236	188	180	202	151	159	155	139	141	175	158	172
" " Phthisis - -	192	187	170	149	163	169	193	173	158	169	157	145	152
" " Heart Diseases -	95	105	76	79	61	78	71	93	82	72	58	72	74
Violent Deaths - - -	48	46	60	71	46	50	50	57	59	35	59	41	43
Inquest Cases - - -	86	76	94	116	76	86	85	91	104	72	91	64	63
Deaths in Public Institutions	257	308	274	250	276	261	254	257	253	231	262	233	246
TEMPERATURE OF THE AIR:													
Mean - - - - -	59°·0	70°·7	60°·1	61°·9	66°·8	65°·2	60°·5	65°·9	62°·2	61°·5	61°·8	61°·2	59°·1
Mean of Highest readings -	71·3	82·8	70·3	71·8	78·9	76·0	71·5	76·3	73·2	70·6	71·5	72·1	71·0
Mean of Lowest readings -	48·0	57·9	51·7	54·0	54·6	58·1	52·6	56·9	54·9	54·4	56·0	52·8	49·8
Mean Temperature of the Water of the Thames -	60·3	65·1	67·9	66·1	66·5	69·5	68·6	66·7	67·1	65·7	64·7	62·8	61·2
Humidity of the Air - -	76	63	78	70	70	81	77	76	79	79	85	82	79
Rain-fall in inches - -	0·99	0·61	0·94	0·02	0·00	0·21	0·25	2·22	1·08	0·71	1·15	0·00	0·02
Registered Sunshine (in hours)	42·4	73·9	21·6	33·3	56·4	37·6	30·7	54·5	41·1	21·5	27·5	31·2	40·1

METEOROLOGICAL OBSERVATIONS. (*See* TABLE **1.**)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-SEVENTH Week of the Year 1878.

CAUSES OF DEATH.	Average in the Thirty-seventh Weeks of the 10 years 1868-77.*	In the Week ending Saturday, September 14, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
Mean Temperature	58·5	59·1							
ALL CAUSES	1275·6	1259	331	214	84	193	211	187	39
SPECIFIED CAUSES	1269·0	1257	330	214	84	193	210	187	39
I. ZYMOTIC.									
ORDER 1.									
1. Small-pox	12·0	7	3	1	2	1	–	–	–
2. Measles	15·5	6	–	6	–	–	–	–	–
3. Scarlet Fever	73·4	27	–	14	13	–	–	–	–
4. Diphtheria	7·5	13	–	6	5	2	–	–	–
5. Quinsy	1·1	–	–	–	–	–	–	–	–
6. Croup	9·6	17	3	14	–	–	–	–	–
7. Whooping-cough	31·6	37	17	20	–	–	–	–	–
8. Typhus	35·5 (Enteric or Typhoid Fev.)	5	–	–	–	3	2	–	–
9. Simple continued Fev.		25	–	3	9	9	3	1	–
		2	–	–	–	2	–	–	–
10. Erysipelas	6·9	5	2	1	–	1	–	1	–
11. Puerperal Fev. (Metria)	2·7	4	–	–	–	4	–	–	–
12. Carbuncle	·8	2	–	–	–	–	1	1	–
13. Influenza	–	–	–	–	–	–	–	–	–
14. Dysentery	2·0	–	–	–	–	–	–	–	–
15. Diarrhœa	121·6	89	54	28	–	–	1	5	1
16. Simple Cholera	4·6	1	–	–	1	–	–	–	–
17. Ague	·5	1	–	1	–	–	–	–	–
18. Remittent Fever	·5	2	–	–	2	–	–	–	–
19. Rheumatism	8·4	7	–	–	2	2	2	1	–
20. Other *Zymotic* Diseases	·9	1	1	–	–	–	–	–	–
ORDER 2.									
1. Syphilis	6·5	10	8	–	–	2	–	–	–
2. Stricture of Urethra	1·3	1	–	–	–	–	1	–	–
3. Hydrophobia	·2	–	–	–	–	–	–	–	–
4. Glanders	–	–	–	–	–	–	–	–	–
ORDER 3.									
1. Privation	–	–	–	–	–	–	–	–	–
2. Want of Breast-milk	12·7	8	7	1	–	–	–	–	–
3. Purpura and Scurvy	1·4	1	–	1	–	–	–	–	–
4. Alcoholism: *a* Del. Tremens	1·7	–	–	–	–	–	–	–	–
b Intemperance	·5	1	–	–	–	–	1	–	–
ORDER 4.									
1. Thrush	4·9	6	6	–	–	–	–	–	–
2. Worms, &c.	·4	–	–	–	–	–	–	–	–
II. CONSTITUTIONAL.									
ORDER 1.									
1. Gout	1·5	–	–	–	–	–	–	–	–
2. Dropsy	8·4	6	1	1	–	1	1	2	–
3. Cancer	32·7	41	–	–	–	6	20	15	–
4. Cancrum Oris (Noma)	·3	–	–	–	–	–	–	–	–
5. Mortification	2·9	–	–	–	–	–	–	–	–
ORDER 2.									
1. Scrofula	10·1	12	8	2	–	–	1	1	–
2. Tabes Mesenterica	35·4	33	21	12	–	–	–	–	–
3. Phthisis	145·5	152	5	5	6	78	50	8	–
4. Hydrocephalus	22·4	23	6	13	3	1	–	–	–
III. LOCAL.									
ORDER 1.									
1. Cephalitis	15·4	23	8	8	2	2	2	1	–
2. Apoplexy	34·7	32	1	2	2	–	10	17	–
3. Paralysis	25·8	25	–	–	1	1	5	14	4
4. Insanity	2·0	–	–	–	–	–	–	–	–
5. Chorea	·1	–	–	–	–	–	–	–	–
6. Epilepsy	7·1	8	1	–	1	1	2	3	–
7. Convulsions	37·2	43	37	5	1	–	–	–	–
8. *Brain Disease, &c.*	14·4	21	1	2	–	6	5	5	2
ORDER 2.									
1. Pericarditis	2·1	3	–	1	–	1	1	–	–
2. Aneurism	1·9	3	–	–	–	1	2	–	–
3. *Heart Disease, &c.*	59·1	68	1	1	7	13	20	25	1
ORDER 3.									
1. Laryngitis	3·6	6	–	3	1	–	1	1	–
2. Bronchitis	72·0	86	26	20	2	2	14	19	3
3. Pleurisy	4·4	6	–	2	–	2	1	1	–
4. Pneumonia	45·4	62	16	15	3	9	13	5	1
5. Asthma	4·4	1	–	–	–	–	–	1	–
6. *Lung Disease, &c.*	9·9	11	3	1	–	1	5	–	1
ORDER 4.									
1. Gastritis	1·8	3	–	–	–	–	–	3	–
2. Enteritis	7·2	4	–	1	–	2	1	–	–
3. Peritonitis	8·7	4	1	–	–	–	1	2	–
4. Ascites	2·5	1	–	–	–	–	1	–	–
5. Ulceration of Intestines	2·1	1	1	–	–	–	–	–	–
6. Hernia	3·5	5	–	–	–	2	2	1	–
7. Ileus	4·5	7	–	–	2	–	2	3	–
8. Intussusception	·9	1	–	–	–	–	1	–	–
9. Stricture of Intestines	·9	–	–	–	–	–	–	–	–
10. Fistula	·2	1	–	–	–	1	–	–	–
11. *Stomach Disease, &c.*	6·1	14	2	1	–	2	3	6	–
12. *Pancreas Disease, &c.*	–	–	–	–	–	–	–	–	–
13. Hepatitis	2·9	4	–	–	–	–	3	1	–
14. Jaundice	5·6	5	2	–	–	1	2	–	–
15. *Liver Disease, &c.*	19·5	22	–	–	–	7	8	6	1
16. *Spleen Disease, &c.*	·8	–	–	–	–	–	–	–	–
ORDER 5.									
1. Nephritis	1·1	2	–	–	1	–	1	–	–
2. Ischuria	·5	–	–	–	–	–	–	–	–
3. Bright's Dis. (Nephria)	13·4	17	–	–	2	6	6	3	–
4. Diabetes	1·8	1	–	–	–	1	–	–	–
5. Calculus (Stone)	·6	–	–	–	–	–	–	–	–
6. Cystitis	1·2	–	–	–	–	–	–	–	–
7. *Kidney Disease, &c.*	9·3	14	–	–	4	2	5	3	–
ORDER 6.									
1. Ovarian Dropsy	·8	–	–	–	–	–	–	–	–
2. *Uterus Disease, &c.*	3·3	1	–	–	–	–	–	1	–
ORDER 7.									
1. Synovitis (Arthritis)	·3	–	–	–	–	–	–	–	–
2. *Joint Disease, &c.*	5·6	6	–	–	3	2	–	1	–
ORDER 8.									
1. Phlegmon	2·8	3	–	–	–	1	1	1	–
2. Ulcer	·8	1	–	–	–	–	–	1	–
3. *Skin Disease, &c.*	·8	1	1	–	–	–	–	–	–
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth	24·0	23	23	–	–	–	–	–	–
2. Cyanosis	3·3	4	4	–	–	–	–	–	–
3. Spina Bifida	1·2	1	1	–	–	–	–	–	–
4. Other Malformations	1·8	–	–	–	–	–	–	–	–
5. Teething	9·8	10	4	6	–	–	–	–	–
ORDER 2.									
1. Paramenia	·4	–	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever)	5·0	3	–	–	–	3	–	–	–
ORDER 3.									
1. Old Age	36·1	40	–	–	–	–	–	16	24
ORDER 4.									
1. Atrophy and Debility	68·3	72	49	11	1	–	3	8	–
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	17·0	19	1	–	4	8	4	2	–
2. Wounds: Gunshot	1·0	–	–	–	–	–	–	–	–
Cut, Stab		1	–	–	–	1	–	–	–
3. Burns and Scalds	2·4	6	–	5	–	1	–	–	–
4. Poison	1·4	–	–	–	–	–	–	–	–
5. Drowning	6·3	5	–	–	4	–	1	–	–
6. Suffocation	6·0	6	5	1	–	–	–	–	–
7. Otherwise	4·0	2	–	–	–	2	–	–	–
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	1·6	–	–	–	–	–	–	–	–
ORDER 4. (SUICIDE.)									
1. Wounds: Gunshot	·5	–	–	–	–	–	–	–	–
Cut, Stab	1·5	3	–	–	–	–	1	1	1
2. Poison	·6	–	–	–	–	–	–	–	–
3. Drowning	1·1	–	–	–	–	–	–	–	–
4. Hanging	1·2	1	–	–	–	–	–	1	–
5. Otherwise	·5	–	–	–	–	–	–	–	–
ORDER 5. (EXECUTION.)									
1. Hanging	·1	–	–	–	–	–	–	–	–
Sudden Deaths (Cause unascertained)	·4	–	–	–	–	–	–	–	–
Causes not specified or ill-defined	6·2	2	1	–	–	–	1	–	–

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCA
during the Week en

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON - - -	3,254,260	2373	1259	331	226	7	6	27	13	37	5	25	2	89	43	63
WEST DISTRICTS - - - -	561,359	339	202	54	44	-	2	2	2	3	1	2	-	15	11	12
NORTH DISTRICTS - - -	751,729	614	304	71	63	1	-	8	3	6	2	8	2	27	10	16
CENTRAL DISTRICTS - - -	334,369	156	122	25	25	-	-	1	1	2	-	2	-	4	4	11
EAST DISTRICTS - - - -	639,111	487	242	64	30	-	3	6	2	9	1	3	-	13	9	12
SOUTH DISTRICTS - - - -	967,692	777	389	117	64	6	1	10	5	17	1	10	-	30	9	12
WEST DISTRICTS.																
St. Mary Paddington *WH* G.J. & W.M.	58728	31	21	8	5	-	-	1	-	-	-	1	-	1	-	-
St. John Paddington *H* - - G.J.	38085	13	11	2	5	-	-	-	2	-	-	-	-	-	-	-
Kensington Town *W* - - - W.M.	91645	81	43	10	11	-	1	-	-	1	-	-	-	3	-	-
Brompton *H* - - - W.M. & C.	28654	14	7	2	2	-	-	-	-	1	-	-	-	-	-	-
St. Peter Hammersmith - - W.M.	6662	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith *H* W.M. & G.J.	36029	22	17	3	4	-	-	1	-	-	-	-	-	3	1	1
Fulham *WwH* - - - W.M. & C.	23350	21	12	5	2	-	-	-	-	-	-	-	-	2	-	-
Chelsea South *HHH* - - - C.	26420	21	10	3	2	-	-	-	-	-	-	-	-	-	1	2
Chelsea North-west *WHHHH* - C.	22926	18	14	4	1	-	-	-	-	-	-	-	-	1	-	-
Chelsea North-east - - - C.	21392	13	4	2	1	-	-	-	-	-	-	-	-	1	-	-
Hanover Square *H* - - - G.J.	18698	4	2	-	1	-	-	-	-	-	-	-	-	-	-	-
May Fair *WW* - - - - G.J.	13358	6	5	2	-	-	-	-	-	-	-	-	-	-	-	-
Belgrave *HH* - - - - C.	57972	22	17	3	6	-	-	-	-	1	1	1	-	1	4	4
St. John Westminster *HH* - - C.	38478	20	10	5	-	-	1	-	-	-	-	-	-	2	2	1
St. Margaret Westminster *WH* - C.	27781	21	10	2	1	-	-	-	-	-	-	-	-	-	3	3
Golden Square *WH* - - - G.L.	12860	4	7	1	2	-	-	-	-	-	-	-	-	1	-	-
Berwick-street *H* - N.R. & G.J.	20759	15	3	-	1	-	-	-	-	-	-	-	-	-	-	1
St. Anne Soho *HHHHH* - - N.R.	17562	3	8	2	-	-	-	-	-	-	-	-	-	-	-	-
NORTH DISTRICTS.																
All Souls Marylebone *HHHH* - W.M.	28579	8	12	1	4	-	-	1	-	-	-	-	-	1	1	1
Cavendish Square *HH* - - W.M.	15425	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone *WH* G.J. & W.M.	26384	14	18	5	6	-	-	-	-	-	-	-	-	-	1	2
St. Mary Maryleb. *HHH* G.J. & W.M.	21786	36	10	3	1	-	-	-	-	1	-	-	-	-	-	-
Christchurch Marylebone *H* - W.M.	33944	23	9	4	1	-	-	-	-	-	-	-	-	2	-	1
St. John Marylebone *H* - - W.M.	33136	18	11	-	3	-	-	-	-	1	-	1	-	-	-	-
Hampstead *WwHH* - N.R. & W.M.	32281	22	5	1	-	1	-	-	-	-	1	-	-	-	-	-
Regent's Park Pancras - - W.M.	38200	21	10	1	1	-	-	1	-	-	-	1	-	-	-	-
Tottenham-court *wHHH* N.R. & W.M.	29370	11	15	4	3	-	-	-	-	-	-	-	-	1	1	1
Gray's Inn Lane *HHH* - - N.R.	29221	25	17	1	-	-	-	2	1	-	-	2	-	3	2	2
Somers Town - - - - N.R.	38533	31	15	6	3	-	-	1	-	-	-	1	-	1	1	1
Camden Town *WH* - - - N.R.	17943	16	9	1	6	-	-	-	-	-	-	-	-	-	-	-
Kentish Town *w* - - - - N.R.	68198	59	35	10	7	-		1	-	1	1	-	1	6	1	1
Islington West *HHH* - - - N.R.	97820	87	34	5	6	-	-	1	-	1	-	1	-	3	2	2
Islington East *WwwH* - - N.R.	115958	116	46	14	10	-	-	-	2	1	-	1	-	4	-	1
Stoke Newington *H* - - - N.R.	9841	15	6	1	-	-	-	1	-	1	-	-	-	-	-	1
Stamford Hill - - - - E.L.	6598	3	2	-	-	-	-	-	-	-	-	-	-	-	1	1
West Hackney - - - N.R.	28069	26	11	3	1	-	-	-	-	-	-	-	-	1	-	-
Hackney *WwwHL* - E.L. & N.R.	50104	50	27	7	10	-	-	-	-	-	-	1	-	3	-	2
South Hackney - - - - E.L.	30339	31	10	4	1	-	-	-	-	-	-	-	1	2	-	-
CENTRAL DISTRICTS.																
St. George Bloomsbury - - N.R.	17853	7	4	-	2	-	-	-	-	-	-	-	-	-	-	-
St. Giles South *WH* - - - N.R.	19109	11	9	2	2	-	-	-	-	-	-	-	-	-	-	-
St. Giles North - - - - N.R.	16594	12	6	1	-	-	-	-	-	-	-	-	-	-	1	1
St. Martins-in-theFields* - N.R. & C.	21238	3	8	-	1	-	-	-	-	-	-	-	-	-	1	1
St. Mary-le-Strand - - - N.R.	9378	4	4	2	1	-	-	-	-	-	-	-	-	1	-	-
St. Clement Danes *H* - - - N.R.	10723	2	4	1	2	-	-	-	-	-	-	-	-	-	-	-
St. George-the-Martyr *HHHHH* N.R.	20521	10	6	2	1	-	-	-	-	-	-	1	-	1	-	-
St. Andrew Eastern *W* - - N.R.	13529	8	12	2	4	-	-	-	-	-	-	-	-	1	-	-
Saffron Hill *H* - - - - N.R.	9066	2	5	1	1	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell *W* - - N.R.	18917	10	11	2	2	-	-	-	-	-	-	-	-	-	-	3
Amwell Clerkenwell - - - N.R.	16884	13	6	2	2	-	-	-	-	-	-	-	-	-	-	1
Pentonville - - - - - N.R.	13337	10	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Goswell-street - - - - N.R.	16242	8	2	-	1	-	-	-	-	-	-	-	-	-	-	-
Old-street *H* - - - - N.R.	12161	17	4	3	-	-	-	1	-	-	-	-	-	-	-	-
City-road *HHL* - - - - N.R.	18301	10	8	2	-	-	-	-	-	-	-	-	-	1	-	-
Whitecross-street - - - - N.R.	13792	5	4	2	-	-	-	-	-	-	-	-	-	-	-	1
Finsbury - - - - - N.R.	10741	4	3	1	2	-	-	-	-	-	-	-	-	-	-	1
St. Botolph *H* - - N.R. & E.L.	14540	9	1	-	-	-	-	-	1	-	-	-	-	-	-	-
Cripplegate - - - - - N.R.	13638	3	3	-	1	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre *H* - - - - N.R.	7562	1	13	-	2	-	-	-	-	-	-	1	-	-	2	3
St. Bride *W* - - - - - N.R.	11185	3	3	1	1	-	-	-	-	2	-	-	-	-	-	-
Castle Baynard - - - - N.R.	4426	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch - - - - N.R.	6270	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe - - - - - N.R.	4753	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking - - - N.R.	5764	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Broad-street *H* - - - - N.R.	7845	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-

* On 1st August the sub-districts of Long Acre and Charing Cross were united for registration purposes under the name of St. Martins-in th Fields sub district.

NOTE.—The Italic capitals placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Wo house; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stan see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signi Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East Londo and K. the Kent Company.

ER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT rday, 14th September 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
well Shoreditch - N.R. & E.L.	12430	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
eonard Shoreditch *HL*† - N.R.	16545	11	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
on New Town *w* - - - N.R.	27835	28	11	2	2	-	-	-	-	-	-	1	-	-	1	1	1
on Old Town - - - - N.R.	26933	15	10	2	-	-	1	-	-	-	-	-	-	-	-	-	-
erston *WH* - - N.R. & E.L.	43421	35	15	1	4	-	-	1	-	1	-	-	-	1	-	2	5
ney-road *H* - - - - E.L.	29822	20	6	3	-	-	-	-	-	1	-	-	-	1	-	-	-
n, Bethnal Green *WHL*† - E.L.	42433	38	18	2	3	-	-	-	-	1	-	-	-	-	-	-	5
ch, Bethnal Green - E.L.	26577	20	5	2	-	-	-	1	-	-	-	-	-	1	-	1	-
n, Bethnal Green - - - E.L.	21272	13	10	4	1	-	-	-	1	-	1	-	-	-	-	-	-
lfields *H* - - E.L. & N.R.	22499	17	13	4	1	-	-	-	-	-	-	-	-	3	1	1	-
End New Town *W* - - E.L.	15550	12	10	1	1	-	-	-	-	-	-	-	-	2	-	-	-
echapel North - E.L. & N.R.	11597	6	4	2	1	-	-	-	-	-	-	-	-	1	-	-	-
echapel Church *H* - - E.L.	7322	3	11	2	1	-	-	-	-	-	-	-	-	-	3	3	10
man's Fields - - - - E.L.	10381	9	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-
ate - - - - N.R. & E.L.	9224	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
lary St. George East - - E.L.	17900	10	6	4	-	-	-	-	-	-	-	-	-	1	1	1	-
aul St. George East - - E.L.	21350	13	6	2	-	-	-	-	1	1	-	-	-	1	-	-	-
ohn St. George East *W* - E.L.	8802	3	6	1	2	-	-	-	-	-	-	-	-	-	-	-	3
well *H* - - - E.L. & N.R.	11640	6	5	3	-	-	-	-	-	-	-	-	-	-	-	-	2
liff - - - - - - E.L.	16131	9	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
house - - - - - - E.L.	29919	22	9	4	-	-	-	-	-	-	-	-	-	-	1	-	-
End Old Town West - - E.L.	38128	31	13	4	3	-	-	1	-	2	-	1	-	-	1	1	-
End Old Town East *WwcH* - E.L.	55024	53	19	3	2	-	-	1	-	2	-	1	-	-	-	1	1
wwwH - - - - - E.L.	67765	82	39	11	8	-	1	2	-	-	-	-	-	2	1	1	10
r *WW* - - - - - - E.L.	48611	29	13	4	-	-	1	-	-	1	-	-	-	-	-	-	-
SOUTH DISTRICTS.																	
tchurch Southwark *WH* L. & S.	14573	6	4	2	-	-	-	-	-	-	-	-	-	1	-	-	-
aviour Southwark *H* - - S.	15677	11	7	3	2	-	-	-	-	1	-	-	-	-	-	-	-
-road - - - - - S. & L.	20421	11	6	2	-	-	1	-	-	1	-	1	-	-	-	1	-
ugh-road *WH* - - S. & L.	16695	20	6	3	-	1	-	-	-	-	-	-	-	-	-	-	2
on-road *HL* - - L. & S.	18961	11	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
ty Newington - - S. & L.	23682	21	6	4	2	-	-	-	-	-	-	-	-	-	1	1	-
eter Walworth *W* - S. & L.	48248	37	26	2	5	-	-	2	1	-	-	-	-	1	-	-	11
lary Newington - - L. & S.	16792	10	10	4	3	-	-	-	-	-	-	-	-	1	-	-	-
lave Southwark *H* - - S.	4373	2	16	-	-	-	-	-	-	-	-	-	-	-	2	2	13
ohn Horsleydown *W* - - S.	10500	3	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
ner Market - - - S. & L.	16787	11	7	4	-	-	-	-	-	1	-	-	-	1	-	-	-
lary Magdalen *W* - - - S.	15709	11	8	2	3	-	-	-	-	-	-	-	-	-	-	-	3
ames Bermondsey - - S.	47933	26	18	4	2	-	-	1	-	3	-	-	-	-	-	1	-
erhithe *W* - - - S. & K.	27096	25	6	1	2	-	-	-	-	-	-	-	-	-	-	-	1
rloo-road 1st *H* - - L. & S.	14074	11	7	2	-	-	-	-	-	1	1	-	-	1	-	-	1
rloo-road 2nd *H* - - L. & S.	18465	12	8	2	-	-	-	1	-	-	-	-	-	-	1	2	-
oeth Church 1st *H* - L. & S.	19492	10	13	4	-	-	-	-	-	-	-	-	-	2	1	1	6
oeth Church 2nd *WW* - L. & S.	35833	30	18	5	5	-	-	-	1	1	-	-	-	2	-	-	10
ington 1st - - - S. & L.	41286	26	10	-	4	-	-	1	1	-	-	1	-	1	-	-	-
ington 2nd - - - S. & L.	31221	20	9	1	3	-	-	-	-	-	-	-	-	-	-	-	-
on *w* - - - - L. & S.	35435	37	18	7	1	-	-	-	-	-	-	2	-	2	-	-	2
ood *W* - - - - - L.	12536	15	4	3	1	-	-	-	-	-	-	-	-	2	-	-	-
ham *H* - - - - - S.	27347	17	6	1	1	-	-	-	-	-	-	-	-	1	-	-	-
ersea *Ww* - - - - S.	54016	65	19	5	4	-	-	-	-	-	-	1	-	3	2	2	-
dsworth *HL* - - - S.	19783	10	4	2	-	-	-	-	-	1	-	-	-	1	-	-	-
ey - - - - - - S.	9439	5	4	1	1	-	-	-	-	-	-	-	-	-	1	1	-
tham - - - - - L.	14475	22	6	3	2	-	-	-	1	-	-	-	-	-	-	-	-
ich - - - - - L. & S.	4041	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
berwell *WL*†*L*† - - S. & L.	31254	39	8	-	3	-	-	3	-	-	-	-	-	-	-	-	-
ham *W* - - S., L., & K.	42160	60	26	14	1	1	-	-	-	3	-	1	-	2	-	-	-
eorge Camberwell - L. & S.	33851	32	15	5	1	-	-	-	1	2	-	-	-	-	-	-	-
aul Deptford *w* - - - K.	58714	45	23	10	1	4	-	-	-	-	-	1	-	4	1	-	4
icholas Deptford - - - K.	6474	4	3	-	2	-	-	-	-	-	-	1	-	-	-	-	-
nwich West - - - - K.	21034	12	3	1	-	-	-	-	-	1	-	-	-	-	-	-	-
nwich East *WH* - - - K.	19378	16	15	2	3	-	-	-	-	-	-	1	-	1	-	-	6
m *H* - - - - - K.	4539	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
- - - - - - K.	16440	8	2	2	-	-	-	-	-	1	-	-	-	-	-	-	-
sham Village *WH* - - K.	11513	18	5	1	-	-	-	1	-	-	-	-	-	-	-	-	1
ham *H* - - - - L.	19065	10	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
lton *H* - - - - - K.	9564	2	5	2	-	-	-	-	-	-	-	1	-	1	-	-	2
wich Dockyard - - - K.	17226	10	7	2	2	-	-	-	-	-	-	-	-	1	-	1	-
wich Arsenal *WHH* - - K.	18331	10	5	2	-	-	-	1	-	-	-	-	-	-	-	-	-
stead West - - - - K.	13027	12	4	1	2	-	-	-	-	1	-	-	-	-	-	-	-
stead East *W* - - - K.	15232	8	14	5	6	-	-	-	-	-	-	-	-	2	-	-	9

following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by *w* :—

entral London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
ondon City Workhouse in Islington East sub-district.
olborn Infirmary " " "
ondon City Workhouse " Hackney sub-district.
olborn " " Hoxton New Town sub-district.
hitechapel " " Mile End Old Town Eastern sub-dist.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7.—LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered duri
Week ending Saturday, 14th September 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
	LONDON—OUTER RING	368,414	631,381	535	260	79	49	-	3	5	2	6	2	29	9	12
29 : 1	Carshalton *wL* - - -	12228	13523	11	1	-	-	-	-	-	-	-	-	-	-	-
2	Epsom (*part of*) * *WH* -	9971	9145	-	5	1	2	-	-	-	-	-	-	-	-	-
36 : 1	Godstone (*part of*) * - -	2754	900	2	-	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	51	31	9	4	-	-	-	1	-	-	4	1	1
2	Mitcham *WH* - - -	11697	12534	14	1	1	-	-	-	-	-	-	-	-	-	-
38 : 1	Wimbledon *HH* - - -	3220	9087	5	1	-	-	-	-	-	-	-	-	-	-	-
2	Kingston *WH* - - -	8549	27489	15	6	2	2	-	-	-	-	-	-	-	-	-
3	Esher (*part of*) * - -	6601	7353	4	-	-	-	-	-	-	-	-	-	-	-	-
4	Hampton - - - -	4573	10185	5	5	1	-	-	-	-	-	-	-	1	2	2
39 : 1	Richmond *WH* - - -	2271	16829	12	7	1	4	-	-	-	-	-	-	2	-	-
2	Mortlake - - - -	2961	9316	4	3	-	-	-	-	-	-	-	-	-	1	1
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	23	7	3	2	-	-	-	-	-	1	1	-	-
2	Chislehurst (*part of*) * *W* -	13665	10028	12	4	-	1	-	-	-	-	-	-	1	-	-
41 : 1	Bexley *H* - - - -	13439	19566	16	4	2	1	-	-	-	-	-	-	-	-	-
123 : 1	Sunbury *W* - - -	11055	9860	8	1	1	-	-	-	-	-	-	-	-	-	-
2	Staines *W* - - - -	13277	10339	7	5	-	2	-	-	-	-	-	-	1	1	1
124 : 1	Hillingdon *WH* - - -	6029	9712	6	1	-	-	-	-	-	-	-	-	-	-	1
2	Uxbridge - - - -	6178	5329	4	4	3	-	-	-	-	-	-	-	1	-	-
3	Hayes *WL* - - - -	14587	10497	2	3	-	2	-	-	-	-	-	-	-	-	-
125 : 1	Isleworth *W* - - -	7008	19930	14	11	2	4	-	-	-	-	-	-	-	-	1
2	Twickenham - - -	2477	10533	10	4	1	1	-	2	-	-	-	-	-	-	-
3	Brentford *HL* - - -	4370	20279	5	4	-	3	-	-	-	-	-	-	-	-	-
4	Chiswick - - - -	1311	8508	11	4	-	-	-	-	-	-	-	-	-	-	-
5	Acton *WH* - - - -	6087	12683	12	3	2	-	-	-	-	-	-	-	-	-	-
126 : 1	Harrow *H* - - - -	13809	10869	9	3	-	1	-	-	1	-	-	-	-	-	-
2	Edgware *H* - - -	6994	3450	2	1	-	1	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	27	10	2	2	-	-	-	-	-	-	1	-	-
4	Hendon *WH* - - -	8382	6972	8	4	2	2	-	-	-	-	-	-	1	-	-
127 : 1	South Mimms - - -	15419	5924	14	3	2	1	-	-	-	-	-	-	2	-	-
2	Barnet *W* - - - -	5423	7752	5	6	-	2	-	-	-	-	1	-	1	-	-
3	Finchley *L* - - - -	4688	11493	9	2	-	-	-	-	-	1	-	-	-	1	1
128 : 1	Hornsey *H* - - - -	3039	19357	21	4	3	-	-	-	-	-	-	-	2	-	-
2	Tottenham *H* - - -	4642	22869	16	11	1	2	-	-	1	-	-	-	1	-	-
3	Edmonton *WW* - - -	7483	13860	12	8	2	1	-	-	1	-	-	-	-	-	-
4	Enfield *WH* - - -	12653	16054	6	12	5	2	-	-	-	-	-	-	2	-	-
5	Waltham Abbey - - -	11017	5197	4	1	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	2	4	-	1	-	-	-	-	-	-	-	-	-
134 : 1	Hatfield (*part of*) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	5	1	1	-	-	-	-	-	-	-	-	-	-
185 : 1	Stratford - - - -	882	23286	34	13	5	-	-	-	-	-	1	-	1	-	1
2	West Ham *WWWW* - -	7345	44642	49	38	22	2	-	1	2	-	4	1	4	-	-
3	Leyton *WW* - - -	4274	15513	17	9	3	-	-	-	-	-	-	-	1	1	1
4	Walthamstow *H* - -	6619	15701	19	9	2	3	-	-	-	-	-	-	2	1	2
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	8	4	-	1	-	-	-	-	-	-	-	1	-
188 : 1	Romford (*part of*) * - -	6730	2879	2	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford - - - - -	8492	5947	1	2	-	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	12	-	-	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as foll
29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Goo
sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, exce
two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop.
134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoidon
(pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

ABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 14th September 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
						Deaths of		Deaths from									
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Deaths in Public Institutions.
ATER LONDON	446,494	4,450,015	17·8	3·0	1519	410	275	7	9	32	15	43	34	118	52	269
NER LONDON -	78,080	3,577,304	18·4	3·1	1259	331	226	7	6	27	13	37	32	89	43	246
UTER RING -	368,414	872,711	15·6	2·8	260	79	49	-	3	5	2	6	2	29	9	23

E.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal 647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area 414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, ch 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than es to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,758,933 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	August 3	-	259	31·4	Small-pox 7; cholera 11; fevers 112.
BOMBAY - -	644,405	" 13	-	526	33·5	Cholera 31; remittent fever 176.
MADRAS - -	397,552	July 26	345	275	35·9	Fevers 59; small-pox 6.
PARIS - - -	1,988,806	September 12	-	761	19·9	Typhoid fever 25; diphtheria 15.
GENEVA - -	68,792	" 7	42	25	19·0	—
BRUSSELS - -	175,782	August 31	99	81	24·0	Typhoid fever 3.
AMSTERDAM -	302,266	" 31	243	115	19·8	Scarlet fever 2.
ROTTERDAM -	142,585	" 31	113	60	21·8	Scarlet fever 2; fevers 2.
THE HAGUE -	107,896	" 31	73	45	21·6	—
COPENHAGEN -	220,000	September 10	168	95	22·5	—
STOCKHOLM -	152,825	August 31	-	73	24·5	Diarrhœa 29.
CHRISTIANIA -	105,000	September 7	72	35	17·0	Scarlet fever 1; diarrhœal diseases 10.
ST. PETERSBURGH	669,741	August 31	-	479	37·2	Sm.-pox 27; diar. dis. 104; typhus & typhd. fev. 37.
BERLIN - -	1,019,620	" 24	863	601	30·3	Diph. 24; scarlet fev. 12; diarrhœal diseases 183.
HAMBURG (State)	406,104	" 31	311	193	24·8	Diarrhœal diseases 31.
DRESDEN - -	207,845	" 31	132	109	26·9	Diarrhœal diseases 14.
BRESLAU - -	267,000	September 7	189	144	28·0	Diarrhœal diseases 43; scarlet fever 4.
MUNICH - -	222,000	" 7	158	154	36·0	Diarrhœal diseases 57.
VIENNA - -	727,271	" 7	540	336	24·0	Small-pox 12; diphtheria 14; diarrhœal dis. 57.
BUDA-PESTH -	319,530	August 31	257	212	34·5	Scarlet fever 7; small-pox 5; diarrhœa 43.
ROME - - -	282,214	" 3	132	110	20·3	Typhus and typhoid fever 4.
NAPLES - -	457,407	" 12	-	-	-	—
TURIN - -	227,843	" 31	140	105	24·0	Small-pox 3; typhus and typhoid fever 7.
VENICE - -	139,796	September 7	59	57	21·3	Diarrhœa 13.
ALEXANDRIA -	212,034	August 29	178	269	66·2	Whooping-cough 11.
NEW YORK -	1,084,528	" 17	-	569	27·3	Diarrh. dis. 157; scarlet fev. 15; diphtheria 7.
BROOKLYN -	549,438	" 10	-	257	24·3	Diar. dis. 83; whooping-cough 7; diphtheria 6.
		" 17	-	247	23·4	Diar. dis. 76; whooping-cough 5; diphtheria 3.
PHILADELPHIA	876,118	" 24	-	283	16·9	Scarlet fev. 7; diphth. 5; typhoid fever 10.
BALTIMORE -	355,000	" 17	-	116	17·0	Typhoid fever 6; diarrhœal diseases 17.
		" 24	-	132	19·4	Scarlet fever 4; diphth. 8; diarrh. dis. 12.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 14th SEPTEMBER, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Between Dew Point and Air Temperature. Great-est.	Between Dew Point and Air Temperature. Least.	Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure on square foot. Great-est.	Osler's. Pressure. Least.	Osler's. Pressure. Mean of 24 Obs	Robinson's. Amount of Horizontal Movement of Air each day.	Robinson's. Depart-ure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SEPT.																											
SUN.	8	..	29·847	77·7	55·3	22·4	62·8	57·7	139·0	49·5	62·8	60·3	5·1	18·9	0·0	+ 4·5	83	SSW. & WSW.	NW. & WSW.	0·0	0·0	0·0	137	−139	0·01	0·0
MON.	9	..	29·895	69·9	53·8	16·1	61·6	55·3	103·9	46·1	..	..	6·3	13·1	0·2	+ 3·5	80	WNW. W. & WSW.	WSW. & WNW.	0·0	0·0	0·0	215	− 67	0·00	0·0
TUES.	10	..	30·057	68·9	50·7	18·2	58·5	51·3	114·3	43·3	62·8	60·3	7·2	15·3	1·0	+ 0·5	77	NNW. & NW.	N. NNE. & ESE.	0·0	0·0	0·0	145	−142	0·00	3·0
WED.	11	Full. In Equator	30·077	74·6	45·0	29·6	60·0	53·0	134·2	40·9	62·3	60·3	7·0	18·0	0·0	+ 2·2	78	Calm & SE.	S. & SW.	0·0	0·0	0·0	85	−204	0·00	3·0
THURS.	12	..	29·916	69·1	50·9	18·2	57·0	52·1	120·2	42·0	62·3	60·3	4·9	11·7	0·2	− 0·6	84	SW. & WSW.	NNW.	7·5	0·0	0·2	304	+ 13	0·01	0·0
FRI.	13	Apogee.	29·919	66·6	46·7	19·9	55·9	47·2	121·6	38·6	62·8	59·3	8·7	18·5	1·6	− 1·5	73	N. & NNE.	N.NW.&WSW	0·3	0·0	0·0	206	− 85	0·00	2·0
SAT.	14	..	29·845	70·3	46·0	24·3	57·8	52·1	120·3	38·3	61·8	58·8	5·7	15·3	0·0	+ 0·6	81	WSW. & W.	WSW.	0·0	0·0	0·0	185	−104	0·00	0·3
MEANS		..	29·937	71·0	49·8	21·2	59·1	52·7	121·9	42·7	(6 days) 62·5	(6 days) 59·9	6·4	15·8	0·4	+ 1·3	79	Variable.		..	..	..	Sum 1277	Sum −728	Sum 0·02	1·2
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. SEPTEMBER.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY	8	No electricity in the morning; weak positive generally afterwards; weak negative occasionally.	2·9	13·0	Fine and partially cloudy till afternoon; overcast with occasional thin rain afterwards.
MONDAY	9	Very weak positive -	0·8	13·0	Fine but cloudy in morning; generally overcast afterwards.
TUESDAY	10	Weak positive with slight exceptions.	6·2	12·9	Partially cloudy. Fine.
WEDNESDAY	11	Weak positive - -	9·3	12·9	A very fine day; the amount of cloud was small.
THURSDAY	12	Very little electricity in morning; weak positive afterwards.	4·6	12·8	Partially cloudy till evening, and a shower fell in the afternoon; cloudless at night.
FRIDAY	13	Weak positive throughout morning; weak negative in afternoon; weak positive at night.	9·3	12·7	Very fine; generally cloudless, except for a few hours in the afternoon, when clouds were prevalent.
SATURDAY	14	Positive till evening; no electricity at night.	7·0	12·7	Fine; partially cloudy.
..		..	Sum 40·1	Sum 90·0	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page 217.*

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and − "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Sir E. Y. W. Henderson, R.E., K.C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29·91 in. at the beginning of the week to 29·84 in. by noon on the 8th; increased to 30·12 in. by 9h. A.M. on the 11th; decreased to 29·89 in. by 3h. P.M. on the

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

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23rd September, 1878.

United Kingdom.

During last week 5673 *births* and 3310 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality from all causes was at the average rate of 21 deaths annually in every 1000 persons living. The annual death-rate was 15 per 1000 in Edinburgh, 19 in Glasgow, and 22 in Dublin; small-pox caused 6 deaths in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Portsmouth 15, Plymouth 16, Brighton 18, London 18, Nottingham 18, Bristol 19, Leicester 20, Manchester 20, Salford 20, Wolverhampton 22, Norwich 22, Bradford 23, Leeds 24, Sheffield 25, Hull 25, Newcastle-upon-Tyne 26, Oldham 26, Liverpool 27, Birmingham 28, and the highest rate during the week 30 in Sunderland. The annual death-rate from the seven principal zymotic diseases averaged 4·6 per 1000 in the twenty towns, of which 2·1 was due to diarrhœa. Scarlet fever showed fatal prevalence in Birmingham, Liverpool, Sheffield, and Oldham; the deaths from enteric fever were numerous in Portsmouth, Leicester, and Newcastle-upon-Tyne. Small-pox caused 4 deaths in London, and one in Liverpool. The annual death-rate from diarrhœa in the twenty towns ranged from 0·9 and 1·0 in Nottingham and Brighton, to 5·6 and 6·0 in Birmingham and Sunderland.

London.

In London 2491 births and 1250 deaths (including 16 caused by the late collision in the Thames) were registered. Allowing for increase of population, the births exceeded by 127, whereas the deaths were 83 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the seven preceding weeks had declined from 27·4 to 18·4, further declined last week to 18·2, and was lower than in any week since the corresponding week of last year.

The 1250 deaths included 4 from small-pox, 2 from measles, 24 from scarlet fever, 10 from diphtheria, 43 from whooping-cough, 30 from different forms of fever, and 80 from diarrhœa; thus to the seven principal diseases of the zymotic class 193 deaths were referred, against numbers declining steadily from 649 to 211 in the seven preceding weeks. These 193 deaths were 94 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 2·8 per 1000. The 43 fatal cases of whooping-cough exceeded the corrected average by 14, and included 16 in South London. Only 2 deaths from measles were recorded, and the 24 from scarlet fever were 54 below the average, although 4 occurred in Marylebone, 3 in Bethnal Green, 3 in Lambeth, and 3 in Camberwell. The 10 deaths from diphtheria included 8 in South London, of which 5 occurred in Lambeth (2 of which were recorded in the Royal Infirmary), one in Wandsworth, one in Peckham, and one in Woolwich. The fatal cases of fever, which had been 16, 23, 25, and 32 in the four preceding weeks, were 30 last week, of which 25 were certified as enteric or typhoid, and 5 as simple continued fever. No death was referred to typhus. The fatal cases of enteric fever included 3 in Kentish Town (of which 2 occurred in Carlton Street), 2 in Islington, 2 in Hackney, 4 in Shoreditch, and 4 in Lambeth.

The fatal cases of small-pox, which had been 3 and 7 in the two previous weeks, were 4 last week, of which one (admitted from Pancras) occurred in the Metropolitan Asylum Hospital at Hampstead, one at 69, Barlow Street, Walworth, one at 14, Acorn Street, Camberwell, and one at 14, Nutcroft Road, Peckham. The three cases occurring in private dwelling-houses were all of children, and not one of the medical certificates gave any information as to vaccination. The Metropolitan

Asylum Hospitals contained 121 small-pox patients on Saturday last, showing a further decline of 27 from the numbers at the end of recent weeks; 9 new cases were admitted to these hospitals during the week, against 18 and 2 in the two preceding weeks.

The deaths referred to diarrhœa and simple cholera, which had steadily declined from 494 to 90 in the seven preceding weeks, further fell to 81 last week, and were 23 below the corrected average. The death of an infant, aged 5 weeks, was referred to "cholera infantum, 3 days."

Different forms of violence caused 56 deaths; 51 were the result of negligence or accident, including 17 from fractures and contusions, 21 from drowning (including 16 caused by the sinking of the Princess Alice off Woolwich), and 8 of infants under one year of age from suffocation. The 17 deaths from fractures and contusions were thus caused:—female, aged 65 years, run over by cab; male 33, fell from an omnibus; male 37 (suffering from delirium tremens), fell from dray; male 44, by van falling on him; male 34, crushed between train and platform on London, Chatham, and Dover Railway; male 36, fell from coal-truck; males 54 and 55, fell down stairs or steps; males 23 and 54, fell from windows; male 56 (intoxicated), fell on pavement; female 58, fell over pail; female 79, by accidental fall (not stated how); male 21, fell into engine of steamboat; male 60 and female 34, by blows (not stated how); and male 78, by fracture of femur (not stated how). An inquest was held in each of these cases, except the last, which was certified by a registered medical practitioner.

Fourteen deaths were registered in Poplar on the coroner's certificate as caused by "drowning through collision of two steamers"; the bodies were found in the Thames, off Blackwall. Another death was ascribed in Mile End Old Town Western, to drowning by the same cause; the body was found in Barking Reach on September 12th. The body of the daughter, age 14, of the Clerk of the Works for Lambeth Vestry, was found by Hungerford Bridge, Westminster, on September 8th. "Drowned in consequence of the collision of the Princess Alice saloon steamer with the Bywell Castle off Woolwich," was the verdict in Westminster. Mr. Carttar, the coroner for Kent, has not yet given his certificate of the causes of the hundreds of deaths which were caused on Tuesday evening, 3rd September, by the collision of the Bywell Castle and the Princess Alice in the Thames off Woolwich. Thirty-two deaths in the same catastrophe were certified by the coroner of Essex, and are included in the returns for the Outer Ring.

Greater London.

In the Greater London 3022 births and 1521 deaths (including 48 caused by the sinking of the Princess Alice) were registered, equal to annual rates of 35·4 and 17·8 per 1000 of the population. In the Outer Ring, 2 fatal cases of diphtheria were registered at Bromley (Kent).

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 27, Bombay 34, Madras 36; Geneva 15; Brussels 22; Amsterdam 19, Rotterdam 24, The Hague 16; Copenhagen 21; Stockholm 20; Christiania 18; St. Petersburgh 37; Berlin 31, Hamburg 27, Dresden 24, Breslau 36, Munich 28; Vienna 24; Rome 22, Turin 20, Venice 21; Alexandria 66; New York 25, Brooklyn 24, Philadelphia 18, and Baltimore 17.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·73 in.; the lowest reading was 29·38 in. on Sunday evening, and the highest 30·03 in. at noon on Saturday. The mean temperature of the *air* was 54°·4, and 1°·9 below the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed an excess on Sunday and Tuesday, but was below the average on each of the other days of the week; on Sunday the mean was 60°·4 and 3°·3 above the average, whereas it fell to 48°·8 on Saturday, and showed a deficiency of 6°·7. The lowest night temperature was 38°·3 on Saturday, and the highest day temperature in the shade 68°·6 on Sunday; the extreme range in the week was, therefore, 30°·3. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 122°·3 on Monday. The difference between the mean *dew-point* and *air* temperature averaged 6°·7. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 61°·4. The mean degree of *humidity* of the air was 79, complete saturation being represented by 100. The general direction of the *wind* was westerly, and the horizontal movement of the air averaged 16·6 miles per hour, which was 5·3 above the average in the corresponding week of 16 years. *Rain* fell on three days of the week to the aggregate amount of ·49 of an inch. The duration of registered bright sunshine in the week was 34·6 hours, the sun being above the horizon during 86·9 hours; the recorded duration of sunshine was, therefore, equal to 40 per cent. of its possible duration.

Table 1.—Births and Deaths registered, and Meteorology,* in 23 Towns of the United Kingdom, during the Week ending Saturday, 21st September, 1878.

Cities and Boroughs. (Municipal Boundaries, except for London and Dublin.)	Area in Acres, exclusive of tidal water and foreshore.	Population estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 1st September, 1878. Births.	Deaths.	Temperature of the Air. (Fahrenheit.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Temperature of the Air. (Centigrade.) Weekly Mean of the Daily Mean Values.	Rain Fall. In Inches.	In Centimetres.
23 Towns in the United Kingdom	220,307	8,373,953	38·0	5673	3310	71·0	36·2	53·6	12·01	0·97	2·46
London	75,362	3,577,304	47·5	2491	1250	68·6	38·3	54·4	12·44	0·49	1·24
Brighton	2,354	103,923	44·1	42	36	68·0	42·4	54·9	12·72	0·97	2·46
Portsmouth	4,486	129,461	28·9	74	36	–	–	–	–	–	–
Norwich	7,472	84,620	11·3	56	36	67·8	43·0	54·6	12·56	0·24	0·61
Yarmouth	1,395	73,599	52·8	5	23	65·0	43·5	57·5	14·17	0·86	2·18
Bristol	4,452	206,419	46·4	137	77	66·9	36·3	54·9	12·72	1·25	3·17
Wolverhampton	3,396	74,240	21·9	5	31	67·4	39·6	52·1	11·17	0·64	1·63
Birmingham	8,400	383,117	45·6	282	206	–	–	–	–	–	–
Leicester	3,200	121,473	38·0	89	46	–	–	–	–	–	–
Nottingham	9,960	165,267	16·6	112	58	71·0	38·4	52·9	11·61	0·32	0·81
Liverpool	5,210	532,681	102·2	354	280	66·1	46·2	53·5	11·95	1·30	3·30
Manchester	4,293	360,514	84·0	229	139	–	–	–	–	–	–
Salford	5,170	170,251	32·9	123	66	64·5	36·2	51·8	11·01	1·96	4·98
Oldham	4,666	107,366	23·0	72	54	–	–	–	–	–	–
Bradford	7,220	185,088	25·6	122	80	65·0	39·0	52·5	11·39	1·56	3·96
Leeds	21,572	304,948	14·1	222	139	69·0	40·0	54·1	12·28	1·20	3·05
Sheffield	19,651	289,537	14·7	197	138	68·0	39·0	52·8	11·56	1·31	3·33
Hull	3,635	143,139	39·4	99	69	68·0	38·0	52·6	11·45	1·02	2·59
Sunderland	2,768	112,459	40·6	83	65	71·0	43·0	55·4	13·00	0·43	1·09
Newcastle-on-Tyne	5,371	144,570	26·9	93	72	–	–	–	–	–	–
Edinburgh	4,191	222,371	53·1	150	65	64·2	41·0	51·6	10·90	0·86	2·18
Glasgow	6,033	566,940	94·0	354	209	62·3	43·0	52·9	11·61	1·47	3·73
Dublin	10,050	314,666	31·3	196	135	68·9	36·5	53·3	11·84	0·62	1·57

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.

† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

Table 2.—Deaths and Rate of Mortality in 20 large English Towns, having an estimated population of 7,269,976 persons, and in Dublin, during the Week ending Saturday, 21st September, 1878.

Boroughs, &c. (Municipal Boundaries, except for London and Dublin.)	Annual Rate of Mortality per 1000 living. From All Causes.	From Seven Zymotic Diseases.	Deaths from all Causes.	The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
In 20 Towns	20·8	4·6	2901	841	474	5	13	141	14	84	84	296	105	155	388
London	18·2	2·8	1250	326	239	4	2	24	10	43	30	80	56	85	241
Brighton	18·1	1·5	36	12	13	–	–	–	–	1	–	2	1	1	7
Portsmouth	14·5	4·0	36	11	8	–	–	–	–	–	5	5	2	3	1
Norwich	22·2	7·4	36	13	9	–	1	–	1	3	–	7	1	1	2
Yarmouth	16·3	0·7	23	7	4	–	–	–	–	–	1	–	1	2	1
Bristol	19·5	2·3	77	27	16	–	–	–	–	–	1	8	–	2	5
Wolverhampton	21·8	3·5	31	6	7	–	–	–	–	–	1	4	1	1	3
Birmingham	28·1	11·0	206	75	22	–	–	30	1	7	2	41	6	8	12
Leicester	19·8	6·0	46	19	9	–	3	–	–	1	4	6	1	2	8
Nottingham	18·3	2·5	58	13	7	–	–	1	–	–	4	3	–	3	2
Liverpool	27·4	6·5	280	75	25	1	1	27	1	4	9	23	10	12	45
Manchester	20·1	3·3	139	49	14	–	–	7	–	3	4	9	8	11	24
Salford	20·2	6·7	66	22	5	–	2	5	1	5	–	9	2	3	4
Oldham	26·2	9·2	54	19	5	–	1	6	–	2	1	9	2	2	3
Bradford	22·6	5·4	80	25	10	–	–	6	–	–	2	11	4	5	–
Leeds	23·8	7·9	139	45	22	–	1	10	–	6	6	23	3	4	5
Sheffield	24·9	8·1	138	39	27	–	1	17	–	5	5	17	1	2	7
Hull	25·2	6·2	69	25	9	–	–	1	–	1	3	12	4	5	7
Sunderland	30·2	9·3	65	17	12	–	1	2	–	3	1	13	–	1	5
Newcastle-on-Tyne	26·0	8·7	72	16	11	–	–	5	–	–	5	14	2	2	6
Dublin	22·4	6·6	135	27	26	6	–	1	–	7	8	18	3	3	41

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the THIRTY-EIGHTH Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2080	2252	2174	2101	2259	2178	2216	2127	2423	2286	2209·6	2491
Males . .	1011	1144	1092	1049	1144	1082	1111	1101	1213	1156	1110·3	1335
Females .	1069	1108	1082	1052	1115	1096	1105	1026	1210	1130	1099·3	1156
TOTAL **Deaths**	1220	1362	1212	1411	1106	1233	1137	1319	1280	1179	1245·9	1250
Males . .	623	696	634	707	590	655	584	680	645	609	642·3	635
Females .	597	666	578	704	516	578	553	639	635	570	603·6	615

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	June 29.	July 6.	July 13.	July 20.	July 27.	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.
TOTAL **Deaths** - - -	1570	1511	1589	1787	1792	1877	1694	1517	1433	1365	1260	1259	1250
0—20 - -	782	807	957	1083	1161	1194	1032	856	805	721	648	629	597
20—40 - -	218	183	160	187	186	205	187	176	191	163	174	193	183
40—60 - -	260	222	225	227	204	227	227	205	194	217	207	211	231
60—80 - -	252	199	213	243	209	217	208	233	202	215	189	187	198
at 80 years & upwds.	58	40	34	47	32	34	40	47	41	49	42	39	41
Deaths of children: Under 1 year -	392	469	598	700	758	812	676	534	492	397	354	331	326
Deaths of children: 1—5 - - -	284	292	279	296	302	297	256	227	232	219	213	214	195
Deaths of children: 5—20 - -	106	106	80	87	101	85	100	95	81	105	81	84	76
Deaths from 7 principal Zymotic Diseases	280	350	408	525	622	649	513	397	340	281	252	211	193
" " Smallpox - -	38	19	11	19	11	18	14	9	10	6	3	7	4
" " Measles - -	24	31	16	13	21	19	14	10	10	7	10	6	2
" " Scarlet Fever -	23	19	20	21	27	26	26	27	24	29	30	27	24
" " Diphtheria -	7	11	8	8	7	6	11	11	11	12	10	13	10
" " Whooping-cough	97	108	85	106	101	89	77	60	74	56	54	37	43
" " Typhus fever -	5	3	2	3	1	–	–	1	1	2	2	5	–
" " Enteric (or Typhoid) fever -	10	9	13	15	16	17	28	12	12	20	18	25	25
" " Simple Cont^d fever	4	5	4	1	4	4	4	4	3	1	5	2	5
" " Diarrhœa - -	72	145	249	339	434	470	339	263	195	148	120	89	80
" " Simple Cholera -	6	11	7	10	23	24	12	5	6	6	4	1	1
" " Dis. of Respiratory Organs -	236	188	180	202	151	159	155	139	141	175	158	172	215
" " Phthisis - -	187	170	149	163	169	193	173	158	169	157	145	152	161
" " Heart Diseases -	105	76	79	61	78	71	93	82	72	58	72	74	62
Violent Deaths - - -	46	60	71	46	50	50	57	59	35	59	41	43	56
Inquest Cases - - -	76	94	116	76	86	85	91	104	72	91	64	63	85
Deaths in Public Institutions	308	274	250	276	261	254	257	253	231	262	233	246	241
TEMPERATURE OF THE AIR:													
Mean - - - -	70°·7	60°·1	61°·9	66°·8	65°·2	60°·5	65°·9	62°·2	61°·5	61°·8	61°·2	59°·1	54°·4
Mean of Highest readings -	82·8	70·3	71·8	78·9	76·0	71·5	76·3	73·2	70·6	71·5	72·1	71·0	64·0
Mean of Lowest readings -	57·9	51·7	54·0	54·6	58·1	52·6	56·9	54·9	54·4	56·0	52·8	49·8	47·0
Mean Temperature of the Water of the Thames -	65·1	67·9	66·1	66·5	69·5	68·6	66·7	67·1	65·7	64·7	62·8	61·2	61·4
Humidity of the Air - -	63	78	70	70	81	77	76	79	79	85	82	79	79
Rain-fall in inches - -	0·61	0·94	0·02	0·00	0·21	0·25	2·22	1·08	0·71	1·15	0·00	0·02	0·49
Registered Sunshine (in hours)	73·9	21·6	33·3	56·4	37·6	30·7	54·5	41·1	21·5	27·5	31·2	40·1	34·6

METEOROLOGICAL OBSERVATIONS. (*See* TABLE **1.**)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-EIGHTH Week of the Year 1878.

USES OF DEATH.	Average in the Thirty-eighth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, September 21, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
ean Temperature -	56·0	54·4							
CAUSES - -	1245·9	1250	326	195	76	183	231	198	41
ECIFIED CAUSES	1240·6	1249	326	195	76	182	231	198	41
I. ZYMOTIC.									
ORDER 1.									
mall-pox - - -	14·3	4	1	1	1	1	-	-	-
Ieasles - - -	16·4	2	1	1	-	-	-	-	-
carlet Fever - -	72·6	24	-	15	9	-	-	-	-
iphtheria - -	8·6	10	1	4	4	-	-	1	-
uinsy - - -	·7	1	-	-	-	1	-	-	-
roup - - -	10·9	4	1	3	-	-	-	-	-
Vhooping-cough -	27·1	43	15	28	-	-	-	-	-
yphus - - -	35·0	-	-	-	-	-	-	-	-
nteric or Typhoid Fev.		25	1	-	8	14	2	-	-
imple continued Fev.		5	-	3	1	1	-	-	-
rysipelas - -	7·3	1	-	-	-	-	-	1	-
uerperal Fev. (Metria)	5·3	3	-	-	-	3	-	-	-
arbuncle - -	·5	-	-	-	-	-	-	-	-
nfluenza - - -	·1	-	-	-	-	-	-	-	-
ysentery - -	2·2	1	1	-	-	-	-	-	-
iarrhœa - - -	94·4	80	53	15	1	1	1	9	-
mple Cholera - -	2·9	1	1	-	-	-	-	-	-
gue - - - -	·3	-	-	-	-	-	-	-	-
emittent Fever -	·5	-	-	-	-	-	-	-	-
heumatism - -	7·8	8	-	-	-	3	4	1	-
ther *Zymotic* Diseases	·3	-	-	-	-	-	-	-	-
ORDER 2.									
yphilis - - -	7·4	11	8	2	1	-	-	-	-
rictureof Urethra -	·5	-	-	-	-	-	-	-	-
ydrophobia - -	·2	-	-	-	-	-	-	-	-
Ianders - - -	—	-	-	-	-	-	-	-	-
ORDER 3.									
rivation - - -	·7	-	-	-	-	-	-	-	-
Vant of Breast-milk	12·7	11	11	-	-	-	-	-	-
urpura and Scurvy -	2·4	3	-	1	2	-	-	-	-
lco- *a* Del. Tremens	1·4	1	-	-	-	1	-	-	-
ism *b* Intemperance	2·0	2	-	-	-	-	2	-	-
ORDER 4.									
hrush - - -	3·2	2	2	-	-	-	-	-	-
Vorms, &c. - -	·4	1	-	-	-	1	-	-	-
ONSTITUTIONAL.									
ORDER 1.									
out - - - -	1·8	1	-	-	-	-	-	1	-
ropsy - - -	10·5	5	-	-	-	1	1	3	-
ancer - - -	29·3	39	-	1	1	5	16	14	2
ancrum Oris (Noma)	·6	-	-	-	-	-	-	-	-
ortification - -	4·3	1	-	-	-	-	-	1	-
ORDER 2.									
crofula - - -	9·1	18	7	8	2	-	1	-	-
abes Mesenterica -	30·9	33	15	14	2	-	2	-	-
hthisis - - -	144·5	161	1	4	13	80	57	6	-
ydrocephalus - -	20·0	18	4	12	1	-	-	1	-
III. LOCAL.									
ORDER 1.									
ephalitis - - -	15·9	22	5	7	5	1	2	2	-
poplexy - - -	37·7	37	2	4	2	2	12	11	4
aralysis - - -	24·0	27	-	1	-	1	7	15	3
sanity - - -	1·9	-	-	-	-	-	-	-	-
horea - - -	·2	1	-	-	1	-	-	-	-
pilepsy - - -	6·1	2	-	-	-	1	-	1	-
onvulsions - -	37·9	33	29	3	-	-	1	-	-
rain Disease, &c. -	17·3	19	-	1	-	1	7	8	2
ORDER 2.									
ericarditis - -	2·5	1	-	-	-	-	-	-	1
neurism - - -	1·9	2	-	-	-	-	2	-	-
eart Disease, &c. -	56·8	59	-	-	5	8	23	21	2
ORDER 3.									
aryngitis - - -	5·4	8	2	1	2	2	1	-	-
ronchitis - - -	78·0	127	40	23	-	3	18	35	3
eurisy - - -	4·4	1	-	-	-	1	-	-	-
neumonia - -	50·5	62	12	27	2	5	8	8	-
sthma - - -	4·4	2	-	-	-	-	-	2	-
ung Disease, &c. -	12·1	15	8	2	-	3	1	1	-

CAUSES OF DEATH.	Average in the Thirty-eighth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, September 21, 1878.* Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
Mean Temperature -	56·0	54·4							
ORDER 4.									
1. Gastritis - - -	1·7	1	1	-	-	-	-	-	-
2. Enteritis - - -	8·0	4	3	-	1	-	-	-	-
3. Peritonitis - - -	5·5	9	-	1	1	4	3	-	-
4. Ascites - - -	2·4	3	-	-	-	-	1	2	-
5. Ulceration of Intestines	2·7	5	1	-	1	-	3	-	-
6. Hernia - - -	2·1	4	-	-	-	-	2	2	-
7. Ileus - - - -	3·8	-	-	-	-	-	-	-	-
8. Intussusception -	·7	1	-	-	-	-	-	1	-
9. Stricture of Intestines	·8	1	-	-	-	-	-	1	-
10. Fistula - - -	·4	2	-	-	-	-	2	-	-
11. *Stomach Disease, &c.* -	6·7	5	-	1	1	1	1	1	-
12. *Pancreas Disease, &c.*	—	-	-	-	-	-	-	-	-
13. Hepatitis - - -	3·4	5	1	-	-	-	3	1	-
14. Jaundice - - -	4·9	5	2	-	-	2	1	-	-
15. *Liver Disease, &c.* -	17·0	29	-	-	-	3	17	9	-
16. *Spleen Disease, &c.* -	·4	-	-	-	-	-	-	-	-
ORDER 5.									
1. Nephritis - - -	2·2	5	-	-	-	1	4	-	-
2. Ischuria - - -	·3	-	-	-	-	-	-	-	-
3. Bright's Dis. (Nephria)	11·2	11	-	1	-	1	5	4	-
4. Diabetes - - -	2·1	1	-	-	-	-	-	1	-
5. Calculus (Stone) -	·8	2	-	-	-	-	-	2	-
6. Cystitis - - -	·4	2	-	-	-	-	-	2	-
7. *Kidney Disease, &c.* -	8·4	5	-	-	1	1	1	2	-
ORDER 6.									
1. Ovarian Dropsy -	·5	-	-	-	-	-	-	-	-
2. *Uterus Disease, &c.* -	3·4	4	-	-	-	2	-	2	-
ORDER 7.									
1. Synovitis (Arthritis)	·4	-	-	-	-	-	-	-	-
2. *Joint Disease, &c.* -	4·7	5	-	-	1	3	1	-	-
ORDER 8.									
1. Phlegmon - - -	2·3	2	-	-	-	1	1	-	-
2. Ulcer - - - -	1·6	2	-	-	-	-	2	-	-
3. *Skin Disease, &c.* -	1·7	1	1	-	-	-	-	-	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth -	19·8	20	20	-	-	-	-	-	-
2. Cyanosis - - -	1·9	1	1	-	-	-	-	-	-
3. Spina Bifida - -	·9	-	-	-	-	-	-	-	-
4. Other Malformations	1·2	-	-	-	-	-	-	-	-
5. Teething - - -	10·8	6	3	3	-	-	-	-	-
ORDER 2.									
1. Paramenia - - -	—	-	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever) - -	5·2	8	-	-	-	7	1	-	-
ORDER 3.									
1. Old Age - - -	38·6	37	-	-	-	-	-	13	24
ORDER 4.									
1. Atrophy and Debility	68·4	70	61	3	1	-	2	3	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	16·8	17	-	-	-	7	6	4	-
2. Wounds { Gunshot	1·0	-	-	-	-	-	-	-	-
Wounds { Cut, Stab		-	-	-	-	-	-	-	-
3. Burns and Scalds -	4·0	1	-	-	-	-	-	1	-
4. Poison - - -	1·1	1	-	-	-	1	-	-	-
5. Drowning - - -	7·4	21	2	-	5	7	4	3	-
6. Suffocation - -	7·5	8	8	-	-	-	-	-	-
7. Otherwise - - -	3·5	3	1	-	1	1	-	-	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	1·6	-	-	-	-	-	-	-	-
ORDER 4. SUICIDE.)									
1 Wounds { Gunshot -	·3	-	-	-	-	-	-	-	-
Wounds { Cut, Stab -	·4	-	-	-	-	-	-	-	-
2. Poison - - -	·9	2	-	-	-	-	-	2	-
3. Drowning - - -	1·1	1	-	-	-	-	1	-	-
4. Hanging - - -	1·2	1	-	-	-	-	1	-	-
5. Otherwise - - -	·4	1	-	-	-	-	1	-	-
ORDER 5. (EXECUTION.)									
1. Hanging - - -	—	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - -	·4	-	-	-	-	-	-	-	-
Causes not specified or ill-defined - - -	4·9	1	-	-	-	1	-	-	-

hese averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered 1878.

he evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, laughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCA
during the Week e

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON - - -	3,254,260	2491	1250	326	239	4	2	24	10	43	-	25	5	80	56	85
WEST DISTRICTS - - - -	561,359	348	169	40	38	-	-	3	-	9	-	1	2	14	8	8
NORTH DISTRICTS - - - -	751,729	571	267	68	55	1	-	7	1	7	-	8	-	16	10	17
CENTRAL DISTRICTS - - -	334,369	164	120	26	24	-	-	-	-	4	-	3	1	4	6	9
EAST DISTRICTS - - - -	639,111	518	272	67	49	-	-	5	1	7	-	3	-	10	21	32
SOUTH DISTRICTS - - - -	967,692	890	422	125	73	3	2	9	8	16	-	5	2	36	11	19
WEST DISTRICTS.																
St. Mary Paddington *WH* G.J. & W.M.	58728	36	11	3	3	-	-	-	-	-	-	-	-	-	-	-
St. John Paddington *H* - - G.J.	38085	12	5	1	1	-	-	-	-	-	-	-	-	-	-	-
Kensington Town *W* - - - W.M.	91645	58	25	5	7	-	-	-	-	1	-	-	-	3	-	1
Brompton *H* - - - W.M. & C.	28654	23	8	2	2	-	-	-	-	1	-	-	-	-	-	-
St. Peter Hammersmith - - W.M.	6662	6	2	-	-	-	-	-	-	-	-	-	-	-	1	1
St. Paul Hammersmith *H* W.M & G.J.	36029	47	19	9	3	-	-	1	-	1	-	1	-	2	-	-
Fulham *WwH* - - - W.M. & C.	23350	26	8	2	-	-	-	-	-	-	-	-	-	-	-	-
Chelsea South *HHH* - - - C.	26420	15	9	1	2	-	-	-	-	1	-	-	-	-	2	1
Chelsea North-west *WHHHH* - C.	22926	17	6	-	2	-	-	-	-	-	-	-	-	-	-	-
Chelsea North-east - - - C.	21392	25	6	2	-	-	-	2	-	1	-	-	-	-	-	-
Hanover Square *H* - - - G.J.	18698	7	1	1	-	-	-	-	-	1	-	-	-	-	-	-
May Fair *WW* - - - - G.J.	13358	8	10	-	4	-	-	-	-	1	-	-	-	-	-	-
Belgrave *HH* - - - - C.	57972	21	17	2	3	-	-	-	-	-	-	-	-	3	2	2
St. John Westminster *HH* - - C.	38478	21	15	4	4	-	-	-	-	-	-	-	1	1	-	-
St. Margaret Westminster *WH* - C.	27781	6	7	-	1	-	-	-	-	-	-	-	1	-	2	3
Golden Square *WH* - - - G.J.	12860	5	9	2	4	-	-	-	-	2	-	-	-	2	-	-
Berwick-street *H* - N.R. & G.J.	20759	5	4	3	1	-	-	-	-	-	-		-	-	1	-
St. Anne Soho *HHHHH* - - N.R.	17562	10	7	3	1	-	-	-	-	-	-	-	-	3	-	-
NORTH DISTRICTS.																
All Souls Marylebone *HHHH* - W.M.	28579	9	9	1	-	-	-	2	-	-	-	-	-	-	-	-
Cavendish Square *HH* - - - W.M.	15425	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone *WH* G.J. & W.M.	26384	17	15	2	6	-	-	-	-	-	-	-	-	1	-	1
St. Mary Maryleb. *HHH* G.J. & W.M.	21786	17	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch Marylebone *H* - W.M.	33944	17	12	2	3	-	-	2	-	-	-	-	-	1	-	-
St. John Marylebone *H* - - W.M.	33136	23	16	5	6	-	-	-	-	-	-	-	-	-	2	2
Hampstead *WwHH* - N.R. & W.M.	32281	14	9	-	1	1	-	-	-	1	-	-	-	-	-	-
Regent's Park Pancras - - - W.M.	38200	27	10	3	3	-	-	-	-	-	-	-	-	1	1	1
Tottenham-court *wHHH* N.R.&W.M.	29370	19	14	4	1	-	-	-	-	-	-	-	-	1	2	2
Gray's Inn Lane *HHH* - - N.R.	29221	20	9	3	1	-	-	1	-	-	-	-	-	-	1	1
Somers Town - - - - N.R.	38533	30	15	4	2	-	-	-	-	-	-	-	-	-	-	-
Camden Town *WH* - - - N.R.	17943	14	8	1	5	-	-	1	-	-	-	-	-	-	-	2
Kentish Town *w* - - - - N.R.	68198	58	24	7	5	-	-	-	-	1	-	3	-	3	1	2
Islington West *HHH* - - - N.R.	97820	93	32	14	1	-	-	-	-	2	-	1	-	3	-	1
Islington East *WwwH* - - - N.R.	115958	115	39	8	10	-	-	-	1	2	-	1	-	2	1	3
Stoke Newington *H* - - - N.R.	9841	11	5	1	-	-	-	-	-	-	-	-	-	-	-	-
Stamford Hill - - - - E.L.	6598	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney - - - - N.R.	28069	15	10	3	3	-	-	-	-	1	-	-	-	-	1	1
Hackney *WwwHL* - - E.L.&N.R.	50104	40	19	6	4	-	-	-	-	-	-	2	-	2	1	1
South Hackney - - - - E.L.	30339	19	16	3	4	-	-	1	-	-	-	1	-	2	-	-
CENTRAL DISTRICTS.																
St. George Bloomsbury - - N.R.	17853	11	6	1	2	-	-	-	-	1	-	-	-	-	-	-
St. Giles South *WH* - - - N.R.	19109	12	10	3	4	-	-	-	-	-	-	-	-	-	-	1
St. Giles North - - - - N.R.	16594	8	8	2	2	-	-	-	-	-	-	-	-	-	-	1
St. Martins-in-the-Fields* - N.R. & C.	21238	11	9	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary-le-Strand - - - N.R.	9378	2	4	1	2	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes *H* - - - N.R.	10723	3	5	1	-	-	-	-	-	-	-	1	-	-	-	-
St. George-the-Martyr *HHHHH* N.R.	20521	6	10	2	1	-	-	-	-	2	-	-	-	-	-	1
St. Andrew Eastern *W* - - N.R.	13529	3	10	-	4	-	-	-	-	-	-	-	-	-	-	-
Saffron Hill *H* - - - - N.R.	9066	3	3	-	2	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell *W* - - N.R.	18917	13	6	2	-	-	-	-	-	-	-	-	-	-	-	-
Amwell Clerkenwell - - - N.R.	16884	11	3	2	-	-	-	-	-	-	-	-	-	1	-	-
Pentonville - - - - - N.R.	13337	7	2	-	1	-	-	-	-	-	-	-	-	-	-	-
Goswell-street - - - - N.R.	16242	11	2	-	1	-	-	-	-	-	-	-	-	-	-	-
Old-street *H* - - - - N.R.	12161	10	8	1	1	-	-	-	-	-	-	1	-	-	-	-
City-road *HHL* - - - - N.R.	18301	13	6	1	1	-	-	-	-	-	-	-	-	-	-	-
Whitecross-street - - - - N.R.	13792	6	1	1	-	-	-	-	-	1	-	-	-	-	-	-
Finsbury - - - - - N.R.	10741	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph *H* - - - N.R.&E.L.	14540	7	2	1	-	-	-	-	-	-	-	-	1	1	-	-
Cripplegate - - - - - N.R.	13638	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre *H* - - - - N.R.	7562	2	17	4	2	-	-	-	-	-	-	1	-	1	5	5
St. Bride *W* - - - - - N.R.	11185	4	3	1	-	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard - - - - N.R.	4426	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch - - - - N.R.	6270	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe - - - - - N.R.	4753	2	1	1	-	-	-	-	-	-	-	-	-	1	-	-
Allhallows Barking - - - N.R.	5764	1	1	-	-	-	-	-	-	-	-	-	-	-	1	1
Broad Street *H* - - - - N.R.	7845	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-

* On 1st August the sub-districts of Long Acre and Charing Cross were united for registration purposes under the name of St. Martins-i
Fields sub-district.

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—
house; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it s
see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. si
Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East Lo
and K. the Kent Company.

ER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
urday, 21st September 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age.	Deaths of Persons aged 60 Years & upwds.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
ywell Shoreditch - N.R. & E.L.	12430	4	2	2	-	-	-	-	-	-	-	1	-	-	-	-	-
Leonard Shoreditch *HL*† - N.R.	16545	13	8	3	-	-	-	-	-	-	-	1	-	-	-	-	-
xton New Town *w* - - N.R.	27835	19	12	3	1	-	-	-	-	1	-	1	-	1	-	1	1
xton Old Town - - N.R.	26933	18	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-
ggerston *WH* - - N.R. & E.L.	43421	38	13	2	3	-	-	-	-	1	-	1	-	1	-	1	2
ckney-road *H* - - - - E.L.	29822	21	7	2	1	-	-	1	-	-	-	-	-	-	-	-	-
en, Bethnal Green *WHL*† - E.L.	42433	49	16	3	2	-	-	2	-	-	-	1	-	-	-	1	5
rch, Bethnal Green - - E.L.	26577	16	13	2	4	-	-	-	-	-	-	-	-	-	1	2	-
vn, Bethnal Green - - - E.L.	21272	18	8	4	1	-	-	-	-	-	-	-	-	1	-	1	-
talfields *H* - - E.L. & N.R.	22499	15	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
e End New Town *W* - E.L.	15550	22	15	1	4	-	-	-	-	1	-	-	-	1	-	2	10
itechapel North - E.L. & N.R.	11597	7	4	1	-	-	-	-	-	-	-	-	-	1	-	-	-
itechapel Church *H* - - E.L.	7322	7	15	1	2	-	-	-	-	-	-	1	-	-	-	-	12
odman's Fields - - - - E.L.	10331	12	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-
gate - - - - N.R. & E.L.	9224	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mary St. George East - - E.L.	17900	10	9	5	1	-	-	-	-	-	-	-	-	-	-	-	-
Paul St. George East - - E.L.	21350	15	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
John St. George East *W* - E.L.	8802	9	7	1	2	-	-	-	-	-	-	-	-	-	-	-	4
dwell *H* - - - E.L. & N.R.	11640	5	7	3	-	-	-	-	1	-	-	-	-	-	1	1	5
cliff - - - - - - E.L.	16131	14	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
ehouse - - - - - E.L.	29919	21	12	2	4	-	-	1	-	-	-	1	-	1	-	2	-
e End Old Town West - - E.L.	38128	26	13	2	5	-	-	-	-	-	-	-	-	-	1	1	-
e End Old Town East *WwwH* - E.L.	55024	44	28	11	5	-	-	-	-	1	-	-	-	1	1	2	5
wwwH - - - - - E.L.	67765	70	38	12	7	-	-	-	-	3	-	-	-	2	3	4	11
lar *WW* - - - - - E.L.	48611	41	29	3	6	-	-	1	-	-	-	1	-	-	14	14	2
SOUTH DISTRICTS.																	
istchurch Southwark *WH* L. & S.	14573	11	9	4	1	-	1	-	-	-	-	-	-	-	1	2	1
Saviour Southwark *H* - - S.	15677	7	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
t-road - - - S. & L.	20421	15	5	3	-	-	-	-	-	-	-	-	-	3	-	-	-
ough-road *WH* - - S. & L.	16695	16	11	3	2	-	-	-	-	-	-	-	-	1	1	1	3
don-road *HL* - - L. & S.	18961	14	9	3	-	-	-	-	-	1	-	-	-	-	1	2	1
ity Newington - - S. & L.	23682	24	5	1	-	-	-	-	-	-	-	-	-	1	-	1	-
Peter Walworth *W* - S. & L.	48248	49	24	7	6	1	-	1	-	-	-	-	-	1	-	-	2
Mary Newington - - L. & S.	16792	7	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Olave Southwark *H* - - S.	4373	-	9	-	4	-	-	-	-	-	-	-	-	-	2	2	8
John Horsleydown *W* - - S.	10500	3	6	2	1	-	-	-	-	-	-	-	-	-	-	1	1
ther Market - - S. & L.	16787	11	5	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Mary Magdalen *W* - - S.	15709	11	8	1	3	-	-	-	-	-	-	-	-	1	-	-	2
James Bermondsey - - S.	47933	64	12	5	-	-	-	1	-	2	-	-	-	3	-	-	-
herhithe *W.* - - - S. & K.	27096	32	22	8	3	-	-	-	-	1	-	-	-	1	-	-	4
erloo-road 1st *H* - - L. & S.	14074	20	10	2	1	-	1	-	2	1	-	1	-	-	-	-	4
erloo-road 2nd *H* - - L. & S.	18465	11	8	2	1	-	-	-	-	-	-	-	-	-	-	-	-
nbeth Church 1st *H* - L. & S.	19492	21	13	2	4	-	-	-	-	1	-	-	-	2	-	-	5
nbeth Church 2nd *WW* - L. & S.	35833	23	23	7	4	-	-	-	2	1	-	-	-	-	-	-	8
nington 1st - - - S. & L.	41286	26	11	2	4	-	-	2	1	-	-	-	-	-	-	1	-
nington 2nd - - - S. & L.	31221	30	7	-	2	-	-	-	-	-	-	1	-	-	-	-	-
xton *w* - - - - L. & S.	35435	48	11	3	-	-	-	1	-	-	-	2	-	1	-	-	2
wood *W* - - - - L.	12536	15	5	2	-	-	-	-	-	-	-	-	-	1	-	-	-
ham *H* - - - - - S.	27347	17	9	2	2	-	-	-	-	-	-	-	-	1	-	-	1
ersea *Ww* - - - - S.	54016	84	32	10	5	-	-	-	-	-	-	-	-	5	-	-	5
ndsworth *HL* - - - S.	19783	11	12	4	3	-	-	-	1	-	-	-	-	1	-	-	3
ney - - - - - - S.	9439	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
atham - - - - - - L.	14475	17	4	2	-	-	-	-	-	2	-	-	-	-	-	-	-
wich - - - - L. & S.	4041	3	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-
berwell *WL*†*L*† - - S. & L.	31254	31	16	4	3	1	-	2	-	-	-	-	1	1	-	-	-
ham *W* - - - S., L., & K.	42160	51	23	9	5	1	-	1	1	2	-	-	-	3	-	-	-
George Camberwell - - L. & S.	33851	36	13	5	4	-	-	-	-	1	-	-	-	-	-	-	-
Paul Deptford *w* - - - K.	53714	46	20	10	2	-	-	1	-	-	-	-	-	2	-	1	-
Nicholas Deptford - - - K.	6474	2	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-
nwich West - - - - K.	21034	11	11	2	1	-	-	-	-	2	-	-	-	-	-	-	-
nwich East *WH* - - - K.	19378	12	12	2	2	-	-	-	-	-	-	1	-	2	1	1	7
am *H* - - - - - K.	4539	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- - - - - - K.	16440	12	8	3	3	-	-	-	-	-	-	-	-	2	1	2	-
isham Village *WH* - - K.	11513	12	3	-	1	-	-	-	-	1	-	-	-	-	-	-	1
nham *H* - - - - L.	19065	14	8	5	-	-	-	-	-	-	-	-	-	2	-	-	-
lton *H* - - - - - K.	9564	5	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-
lwich Dockyard - - - K.	17226	11	8	2	-	-	-	-	-	1	-	-	-	-	3	4	-
lwich Arsenal *WHH* - - K.	18331	22	9	1	1	-	-	-	1	-	-	-	-	-	-	-	-
stead, West - - - - K.	13027	14	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
stead, East *W* - - - K.	15232	12	7	2	2	-	-	-	-	-	-	-	-	1	-	-	1

following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by *w*:—

entral London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
ondon City Workhouse in Islington East sub-district.
olborn Infirmary " " "
ondon City Workhouse " Hackney sub-district.
olborn " " Hoxton New Town sub-district.
hitechapel " " Mile End Old Town Eastern sub-dist.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during th Week ending Saturday, 21st September 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
	LONDON—OUTER RING	368,414	631,381	531	271	73	57	1	-	1	4	6	2	14	39	41
29 : 1	Carshalton *wL* - - -	12228	13523	11	14	-	4	-	-	-	-	1	-	-	-	-
2	Epsom (*part of*) * *WH* -	9971	9145	6	3	1	1	-	-	-	-	-	-	1	-	-
36 : 1	Godstone (*part of*) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	57	18	4	4	-	-	-	-	-	1	1	3	3
2	Mitcham *WH* - - -	11697	12534	8	8	2	1	-	-	-	-	-	-	-	-	-
38 : 1	Wimbledon *HH* - -	3220	9087	8	2	1	-	-	-	-	-	-	-	-	1	1
2	Kingston *WH* - - -	8549	27489	22	17	5	5	-	-	-	-	-	1	1	1	2
3	Esher (*part of*) * - -	6601	7353	11	3	2	1	-	-	-	-	-	-	-	-	-
4	Hampton - - - -	4573	10185	5	2	-	1	-	-	-	-	-	-	-	-	-
39 : 1	Richmond *WH* - - -	2271	16829	14	4	-	3	-	-	-	-	-	-	-	-	-
2	Mortlake - - - -	2961	9316	9	3	2	-	-	-	-	-	-	-	-	-	-
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	25	10	1	5	-	-	-	2	1	-	2	-	-
2	Chislehurst (*part of*) * *W* -	13665	10028	8	5	1	1	-	-	-	-	-	-	-	-	-
41 : 1	Bexley *H* - - - -	13439	19566	12	6	1	2	-	-	-	-	-	-	-	-	-
123 : 1	Sunbury *W* - - -	11055	9860	6	2	1	-	-	-	-	-	-	-	-	-	-
2	Staines *W* - - - -	13277	10339	12	3	1	1	-	-	-	-	-	-	-	-	-
124 : 1	Hillingdon *WH* - - -	6029	9712	9	2	1	1	-	-	-	-	-	-	-	-	-
2	Uxbridge - - - -	6178	5329	5	3	1	-	-	-	-	-	-	-	-	-	-
3	Hayes *WL* - - - -	14587	10497	8	4	1	1	-	-	-	-	-	-	-	-	-
125 : 1	Isleworth *W* - - -	7008	19930	13	7	2	1	-	-	-	-	-	-	-	-	-
2	Twickenham - - -	2477	10533	6	3	2	1	-	-	-	-	-	-	1	-	-
3	Brentford *HL* - - -	4370	20279	18	8	3	1	-	-	-	-	-	-	1	-	-
4	Chiswick - - - -	1311	8508	3	2	1	-	-	-	-	-	-	-	-	-	-
5	Acton *WH* - - - -	6087	12683	11	2	2	-	-	-	-	-	-	-	-	-	-
126 : 1	Harrow *H* - - - -	13809	10869	2	6	-	-	-	-	-	-	1	-	-	-	-
2	Edgware *H* - - -	6994	3450	1	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	16	6	3	1	-	-	-	1	1	-	-	-	-
4	Hendon *WH* - - -	8382	6972	7	1	-	-	-	-	-	-	-	-	-	-	-
127 : 1	South Mimms - - -	15419	5924	3	1	-	1	-	-	-	-	-	-	-	-	-
2	Barnet *W* - - - -	5423	7752	4	4	-	1	-	-	-	-	-	-	-	-	-
3	Finchley *L* - - - -	4688	11493	10	7	1	-	-	-	-	1	-	-	-	-	-
128 : 1	Hornsey *H* - - - -	3039	19357	20	4	1	1	-	-	-	-	-	-	-	-	-
2	Tottenham *H* - - -	4642	22869	13	9	3	1	-	-	-	-	-	-	2	-	-
3	Edmonton *WW* - - -	7483	13860	13	5	2	2	1	-	-	-	-	-	-	-	-
4	Enfield *WH* - - -	12653	16054	9	6	2	-	-	-	1	-	-	-	1	-	-
5	Waltham Abbey - - -	11017	5197	5	-	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	3	4	1	1	-	-	-	-	-	-	-	1	1
134 : 1	Hatfield (*part of*) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	3	-	-	-	-	-	-	-	-	-	-	-	-
185 : 1	Stratford - - - -	882	23286	31	13	5	1	-	-	-	-	-	-	-	1	2
2	West Ham *WWWW* - -	7345	44642	58	17	10	-	-	-	-	-	1	-	1	-	-
3	Leyton *WW* - - -	4274	15513	20	14	4	4	-	-	-	-	1	-	-	-	-
4	Walthamstow *H* - -	6619	15701	9	4	1	1	-	-	-	-	-	-	1	-	-
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	4	3	-	2	-	-	-	-	-	-	-	-	-
188 : 1	Romford (*part of*) * - -	6730	2879	1	1	-	1	-	-	-	-	-	-	-	-	-
2	Ilford - - - - -	8492	5947	3	6	4	1	-	-	-	-	-	-	2	-	-
3	Barking Town - - -	4128	6576	9	34	1	5	-	-	-	-	-	-	-	32†	32

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follo 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Gods sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, excep two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 9 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoydon- (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

† Drowned through collision in the Thames.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 21st September, 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Deaths in Public Institutions.
EATER LONDON	446,494	4,450,015	17·8	2·6	1521	399	296	5	2	25	14	49	32	94	95	282
INNER LONDON -	78,080	3,577,304	18·2	2·8	1250	326	239	4	2	24	10	43	30	80	56	241
OUTER RING -	368,414	872,711	16·2	1·7	271	73	57	1	–	1	4	6	2	14	39	41

OTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal 7·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area 8,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, hich 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than iles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,758,933 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	August 10	–	220	26·7	Small-pox 4; fevers 87.
BOMBAY - -	644,405	" 20	–	533	33·9	Cholera 31; remittent fever 171.
MADRAS - -	397,552	" 2	320	274	35·8	Fevers 69; small-pox 4.
PARIS - -	1,988,806	September 19	–	–	–	—
GENEVA - -	68,792	" 14	31	20	15·2	—
BRUSSELS - -	175,782	" 7	90	74	22·0	Typhoid fever 2.
AMSTERDAM -	302,266	" 7	210	110	18·9	Scarlet fever 3.
ROTTERDAM -	142,585	" 7	122	65	23·7	Scarlet fever 4.
THE HAGUE -	107,896	" 7	90	34	16·3	—
COPENHAGEN -	220,000	" 17	131	90	21·3	Typhoid fever 5.
STOCKHOLM -	152,825	" 7	–	60	20·4	—
CHRISTIANIA -	105,000	" 14	81	37	18·0	—
ST. PETERSBURGH	669,741	" 7	–	473	36·7	Small-pox 22; typhus and typhoid fever 32.
BERLIN - -	1,019,620	August 31	792	613	30·9	Diphtheria 22; scarlet fever 16.
HAMBURG (State)	406,104	September 7	333	207	26·6	Scarlet fever 4.
DRESDEN - -	207,845	" 7	146	97	24·0	Diarrhœal diseases 14.
BRESLAU - -	267,000	" 14	176	182	35·6	Scarlet fever 10.
MUNICH - -	222,000	" 14	178	118	28·0	—
VIENNA - -	727,271	" 14	499	331	23·7	Small-pox 12; diphtheria 12.
BUDA-PESTH -	319,530	" 7	–	–	–	—
ROME - -	282,214	August 10	140	118	21·8	—
NAPLES - -	457,407	" 12	–	–	–	—
TURIN - -	227,843	September 7	156	88	20·2	Typhus and typhoid fever 6.
VENICE - -	139,796	" 14	68	56	20·9	Small-pox 3.
ALEXANDRIA -	212,034	" 5	140	269	66·2	Whooping-cough 11.
NEW YORK -	1,084,528	August 24	–	519	24·9	Diarrhœal diseases 139.
BROOKLYN -	549,438	" 24	–	253	24·0	Diarrhœal diseases 51; whp.-cough 11; diph. 9.
PHILADELPHIA -	876,118	" 31	–	307	18·3	Typhoid fever 15; diarrhœal diseases 35.
BALTIMORE -	355,000	" 31	–	117	17·2	Scarlet fever 5; typhoid fever 4.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 21st SEPTEMBER, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Difference. Between Dew Point Temperature and Air Temperature. Greatest.	Difference. Between Dew Point Temperature and Air Temperature. Least.	Difference. Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. Osler's. General Direction. P.M.	Wind. Osler's. Pressure on square foot. Greatest.	Wind. Osler's. Pressure on square foot. Least.	Wind. Osler's. Pressure on square foot. Mean of 24 Obs.	Wind. Robinson's. Amount of Horizontal Movement of Air each day.	Wind. Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
SEPT.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN.	15	..	29·556	68·6	52·7	15·9	60·4	51·3	117·9	47·2	64·3	62·1	9·1	15·7	1·6	+ 3·3	72	SW. & WSW.	SW. & WSW.	9·7	0·0	1·2	516	+232	0·12	2·5
MON.	16	..	29·721	64·4	49·7	14·7	55·4	42·8	122·3	44·4	63·8	61·3	12·6	19·8	6·2	− 1·5	63	WSW. & W.	WNW. W. & WSW.	9·1	0·0	1·4	570	+290	0·00	8·5
TUES.	17	..	29·799	67·8	50·1	17·7	58·4	54·0	91·6	43·2	62·8	60·3	4·4	13·0	0·0	+ 1·8	86	WSW.	WSW.	4·5	0·0	0·5	441	+165	0·00	5·2
WED.	18	..	29·542	62 1	48·6	13·5	55·1	52·3	76·0	43·5	62·8	60·3	2·8	9·3	0·0	− 1·3	91	SW. & WSW.	WNW. W. & WSW.	12·4	0·0	0·6	460	+189	0·23	6·2
THURS.	19	Greatest Dec. N. Last Qr.	29·726	62·9	44·6	18·3	52·8	45·4	117·8	39·1	62·3	59·7	7·4	15·1	2·1	− 3·3	76	WSW. & W.	WSW. & SW.	3·0	0·0	0·3	406	+140	0·00	6·2
FRI.	20	..	29·784	61·9	44·9	17·0	50·1	46·1	114·3	36·4	61·3	58·7	4·0	13·9	0·0	− 5·7	86	WNW. & NNW.	NNW.	1·6	0·0	0·1	228	− 35	0·14	1·0
SAT.	21	..	30·008	60·5	38·3	22·2	48·8	42·5	103·3	33·9	60·8	58·3	6·3	15·8	0·0	− 6·7	79	SW.	NNW. WSW. & S.	0·0	0·0	0·0	168	− 92	0·00	1·2
MEANS		..	29·734	64·0	47·0	17·0	54·4	47·8	106·2	41·1	62·6	60·1	6·7	14·7	1·4	− 1·9	79	WSW.		..	..	..	Sum 2789	Sum +889	Sum 0·49	4·4
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. SEPTEMBER.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY	15	Weak negative and positive.	5·0	12·6	A fine day; partially cloudy till evening; overcast with heavy rain at night.
MONDAY	16	Weak positive and negative.	8·6	12·6	A very fine day; partially cloudy.
TUESDAY	17	No electricity was shown.	0·3	12·5	Overcast with slight exceptions.
WEDNESDAY	18	During the remainder of the week the Electrometer (Thomson's Self-Recording) was under adjustment.	0·7	12·4	Overcast with frequent rain till afternoon; fine afterwards and cloudless at night.
THURSDAY	19		8·5	12·3	A fine day; partially cloudy.
FRIDAY	20		4·4	12·3	Heavy rain in early morning; cloudy throughout day, and a sharp shower of rain and hail fell in afternoon. Cloudless at night.
SATURDAY	21		7·1	12·2	Fine. Cloudy.
..		..	Sum 34·6	Sum 86·9	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and − "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Sir E. Y. W. Henderson, R.E., K.C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29·84 in. at the beginning of the week to 29·38 in. by 8h. P.M. on the 15th; increased to 29·85 in. by 9h. P.M. on the 16th; decreased to 29·30 in. by 9h. A.M. on the 18th; increased to 29·77 in. by 9h. A.M. on the 19th; decreased to 29·64 in. by 9h. P.M. on the 20th; increased to 30·08 in. by 9h. A.M. on the 21st.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

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No. 39. 1878. Vol. XXXIX.] Week ending Saturday, September 28. [Price 1½*d*.

General Register Office, Somerset House,
September 30th, 1878.

United Kingdom.

During last week 5835 *births* and 3443 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality from all causes was at the average rate of 21 deaths annually in every 1000 persons living. The annual death-rate was 20 per 1000 in Edinburgh, 21 in Glasgow, and 29 in Dublin; small-pox caused 9 deaths in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Portsmouth 15, Plymouth 15, Bristol 16, Wolverhampton 16, Oldham 18, Brighton 19, London 20, Leicester 21, Newcastle-upon-Tyne 21, Bradford 21, Salford 22, Sunderland 23, Leeds 23, Sheffield 23, Nottingham 23, Manchester 24, Birmingham 25, Liverpool 26, Hull 27, and the highest rate during the week 28 in Norwich. The annual death-rate from the seven principal zymotic diseases averaged 3·9 per 1000 in the twenty towns, and ranged from 1·0 in Brighton to 8·4 in Birmingham. Scarlet fever showed fatal prevalence in Birmingham, Liverpool, Newcastle-upon-Tyne, and Sheffield; the deaths from enteric fever were excessive in Bradford, Portsmouth, and Hull. Small-pox caused 2 deaths in London.

The annual death-rate from diarrhœa in the twenty towns during the past thirteen weeks, has averaged 4·2 per 1000, (against 3·9 and 2·3 in the corresponding periods of 1876 and 1877), and ranged from 2·4, 2·5, and 2·8 in Oldham, Bristol, and Plymouth, to 7·0 in Leeds, 8·7 in Leicester, and 10·2 in Hull. In London the diarrhœa death-rate averaged 3·3 in the thirteen weeks, while in the nineteen provincial towns it was equal to 5·1.

London.

In London 2494 births and 1355 deaths were registered. Allowing for increase of population, the births exceeded by 151, whereas the deaths were 23 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the eight preceding weeks had steadily declined from 27·4 to 18·2 per 1000, was last week equal to 19·8.

The 1355 deaths included 2 from small-pox, 6 from measles, 30 from scarlet fever, 13 from diphtheria, 53 from whooping-cough, 27 from different forms of fever, and 61 from diarrhœa; thus to the seven principal diseases of the zymotic class 192 deaths were referred, against numbers declining from 649 to 193 in the eight preceding weeks. These 192 deaths were 92 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 2·8 per 1000. The 53 fatal cases of whooping-cough showed a further increase upon the numbers in the two previous weeks, and exceeded the corrected average by 23; 5 occurred in Islington, and 5 in Hackney. The deaths from measles and scarlet fever continue considerably below the average; the 30 from scarlet fever included 4 in Hammersmith, 3 in Islington, 5 in Shoreditch, and 5 in Lambeth. Scarlet fever caused 2 deaths in one family at 11, Dudley Street, Paddington; 2 in different families at 8, George Street, Hammersmith; 3 in one family at 96, Bridport Place, Shoreditch, and 2 at 10, New Lane, Southwark. The 13 deaths from diphtheria again showed an excess, and included 2 in Islington, and 3 in Lambeth. The fatal cases of fever, which had been 32 and 30 in the two preceding weeks, further declined to 27 last week, of which one was certified as typhus, 20 as enteric or typhoid, and 6 as simple continued fever. The death referred to typhus was of a signalman, aged 27 years, at 20, Queen's Arms Buildings, Islington. The fatal cases of enteric fever included 2 in Hackney, 2 in Clerkenwell, and 2 in the City. The Metropolitan Asylum Hospitals contained 90 enteric fever patients on Saturday last.

The fatal cases of small-pox, which had been 7 and 4 in the two previous weeks, further declined to 2 last week, of which one occurred in the Highgate Hospital, and one at 69, Barlow Street, Walworth; the former case was of an unvaccinated child, aged 11 years, admitted from 44, White Post Lane, Bow, and the latter was of a child, aged five years, the medical certificate relating to which gave no information as to vaccination. The Metropolitan Asylum Hospitals contained 110 small-pox patients on Saturday last, showing a further decline of 11 from the numbers at the end of recent weeks; 13 new cases were admitted to these Hospitals during the week, against 2 and 9 in the two preceding weeks. The Highgate Small-pox Hospital contained but 2 patients on Saturday last.

The deaths from diarrhœa and simple cholera, which had steadily declined from 494 to 81 in the eight preceding weeks, further fell to 61 last week, and were 26 below the corrected average. During the past thirteen weeks, the annual death-rate from diarrhœa in the Metropolis has averaged 3·3 per 1000, against 3·3 and 2·0 in the corresponding periods of 1876 and 1877.

The deaths referred to diseases of the respiratory organs which in the three previous weeks had been 158, 172, and 215, were 213 last week, and exceeded the corrected weekly average by 34.

Different forms of violence caused 52 deaths; 41 were the result of negligence or accident, including 28 from fractures and contusions, 5 from drowning, and 5 of infants under one year of age from suffocation. The 28 deaths from fractures and contusions were thus caused:—a male aged 8 years, run over by cab; males 57, 53, 8, 6, and 1, and female 46, run over by vans or carts; male 5, by fall of wall caused by van; male 48, knocked down by horse; male 41, fell from trolley on London, Chatham, and Dover Railway; male 31, run over on Midland Railway; female 67, fell from a railway carriage in motion (railway not stated); males 17, 37, 39, and 78, and females 24, 64, and 75, fell down stairs or steps; male 54, fell from staircase; male 83, fell from ladder; males 24 and 77, fell from lifts; male 40, fell into a dock; male 56, fell into area; male 36, fracture of skull (not stated how); male 8 months, by fall (not stated how); and female 6 months, by concussion of brain (not stated how). An inquest was held in each of these 28 cases except the last two, which were certified by registered medical practitioners.

In the large Public Institutions 269 deaths were recorded, or 20 per cent. of the total deaths; of these, 145 occurred in Workhouse Establishments, 117 in Hospitals, and 7 in Lunatic Asylums.

Greater London.

In Greater London 3056 births and 1626 deaths were registered, equal to annual rates of 35·8 and 19·1 per 1000 of the population. In the Outer Ring, two fatal cases of scarlet fever occurred in Harrow, and 2 of diphtheria in Finchley. In Croydon 7 of the 36 deaths resulted from the principal zymotic diseases.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 29, Bombay 36, Madras 40; Paris 22; Geneva 14; Brussels 20; Amsterdam 21, Rotterdam 24, The Hague 23; Copenhagen 24; Stockholm 22; Christiania 18; St. Petersburgh 34; Berlin 31, Hamburg 29, Dresden 26, Breslau 27, Munich 36; Vienna 21, Buda-Pesth 42; Rome 24, Turin 21, Venice 22; Alexandria 43; New York 27, Brooklyn 22, Philadelphia 18, and Baltimore 21.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·67 in.; the highest reading was 29·99 in. at the beginning of the week, and the lowest was 29·29 in. on Monday afternoon. The mean temperature of the *air* was 52°·2, and 2°·7 below the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was below the average on each of the first six days of the week, the coldest day being Tuesday, when the mean was only 47°·7, and showed a deficiency of 7°·3; on Saturday the mean rose to 59°·4, and exceeded the average by 4°·9. The lowest night temperature was 38°·2 on Tuesday, and the highest day temperature in the shade 67°·3 on Saturday; the extreme range in the week was, therefore, 29°·1. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 117°·8 on Friday. The difference between the mean *dew-point* and *air* temperature averaged 4°·5. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police ship, was 57°·7. The mean degree of *humidity* of the air was 85, complete saturation being represented by 100. The direction of the *wind* was variable, and the horizontal movement of the air averaged 8·9 miles per hour, which was 1·7 below the average in the corresponding week of 16 years. *Rain* fell on three days of the week, to the aggregate amount of 0·19 of an inch. The duration of registered bright sunshine in the week was but 9·6 hours, the sun being above the horizon during 83·6 hours; the recorded duration of sunshine was, therefore, only equal to 11 per cent. of its possible duration.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, 28th September 1878.

CITIES AND BOROUGHS. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 28th September, 1878.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
In 23 TOWNS in the UNITED KINGDOM	220,307	8,373,953	38·0	5835	3443	68·0	33·7	51·3	10·73	0·86	2·18
LONDON	75,362	3,577,304	47·5	2494	1355	67·3	38·2	52·2	11·22	0·19	0·48
BRIGHTON	2,354	103,923	44·1	60	37	67·8	41·7	52·9	11·61	0·09	0·23
PORTSMOUTH	4,486	129,461	28·9	77	36	–	–	–	–	–	–
NORWICH	7,472	84,620	11·3	41	45	66·5	43·0	51·3	10·73	1·10	2·79
PLYMOUTH	1,395	73,599	52·8	42	21	62·0	40·5	51·9	11·06	0·95	2·41
BRISTOL	4,452	206,419	46·4	119	63	67·7	34·3	52·0	11·11	0·94	2·39
WOLVERHAMPTON	3,396	74,240	21·9	44	23	64·5	37·5	49·6	9·78	0·82	2·08
BIRMINGHAM	8,400	383,117	45·6	299	185	–	–	–	–	–	–
LEICESTER	3,200	121,473	38·0	76	49	67·5	35·5	50·4	10·22	0·72	1·83
NOTTINGHAM	9,960	165,267	16·6	102	73	65·5	33·7	49·2	9·55	0·48	1·22
LIVERPOOL	5,210	532,681	102·2	412	270	61·4	46·0	52·8	11·56	2·25	5·71
MANCHESTER	4,293	360,514	84·0	244	168	–	–	–	–	–	–
SALFORD	5,170	170,251	32·9	141	72	63·5	34·8	49·4	9·66	1·62	4·11
OLDHAM	4,666	107,366	23·0	73	37	–	–	–	–	–	–
BRADFORD	7,220	185,088	25·6	134	76	59·0	37·2	49·5	9·72	1·18	3·00
LEEDS	21,572	304,948	14·1	218	132	61·0	39·0	51·0	10·56	0·76	1·93
SHEFFIELD	19,651	289,537	14·7	213	127	66·0	37·0	51·3	10·73	0·44	1·12
HULL	3,635	143,139	39·4	106	74	61·0	36·0	49·8	9·89	0·74	1·88
SUNDERLAND	2,768	112,459	40·6	83	49	68·0	44·0	53·7	12·06	0·72	1·83
NEWCASTLE-ON-TYNE	5,371	144,570	26·9	114	59	–	–	–	–	–	–
EDINBURGH	4,191	222,371	53·1	146	87	61·8	40·7	50·8	10·45	0·94	2·39
GLASGOW	6,033	566,940	94·0	387	230	63·0	44·0	52·2	11·22	0·99	2·51
DUBLIN	10,050	314,666	31·3	210	175	67·1	37·9	53·7	12·06	0·48	1·22

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.
† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the ddition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, alford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the id of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the umber enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday, 28th September, 1878.

BOROUGHS, &c. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
				Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.		
In 20 TOWNS	21·2	3·9	2951	842	454	2	10	137	18	94	73	210	93	166	426
LONDON	19·8	2·8	1355	336	230	2	6	30	13	53	27	61	52	100	269
BRIGHTON	18·6	1·0	37	9	11	–	–	–	–	1	1	–	3	3	8
PORTSMOUTH	14·5	2·8	36	11	11	–	–	2	–	–	3	2	–	2	1
NORWICH	27·7	3·7	45	13	14	–	1	–	–	–	2	3	–	3	2
PLYMOUTH	14·9	1·4	21	4	5	–	–	–	–	–	1	1	2	4	1
BRISTOL	15·9	1·8	63	17	13	–	–	1	–	–	–	6	2	2	12
WOLVERHAMPTON	16·2	4·2	23	6	2	–	–	1	–	–	2	3	–	–	2
BIRMINGHAM	25·2	8·4	185	66	20	–	1	28	1	5	5	22	4	4	25
LEICESTER	21·0	3·0	49	20	8	–	–	–	–	2	1	4	–	2	1
NOTTINGHAM	23·1	3·2	73	26	17	–	–	–	–	2	1	7	1	3	11
LIVERPOOL	26·4	5·9	270	79	31	–	1	26	2	2	9	20	11	13	27
MANCHESTER	24·3	4·3	168	49	21	–	–	6	1	7	2	14	5	13	23
SALFORD	22·1	5·8	72	27	9	–	–	5	–	2	2	10	–	2	2
OLDHAM	18·0	4·4	37	13	4	–	–	4	–	1	1	3	1	1	5
BRADFORD	21·4	4·2	76	21	6	–	–	3	–	2	4	6	–	–	4
LEEDS	22·6	6·7	132	44	16	–	1	7	–	10	3	18	4	4	9
SHEFFIELD	22·9	5·6	127	36	17	–	–	13	–	2	2	14	4	5	10
HULL	27·0	5·8	74	29	10	–	–	1	–	3	3	9	2	2	10
SUNDERLAND	22·7	2·8	49	22	5	–	–	–	–	1	2	3	1	1	2
NEWCASTLE-ON-TYNE	21·3	6·5	59	14	4	–	–	10	1	1	2	4	1	2	2
DUBLIN	29·0	7·5	175	34	33	9	–	5	–	4	5	22	11	18	43

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the THIRTY-NINTH Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2131	2119	2216	1889	2091	2234	2155	2368	2285	2410	2189·8	2494
Males . .	1062	1076	1099	976	1094	1137	1064	1224	1217	1245	1119·4	1262
Females .	1069	1043	1117	913	997	1097	1091	1144	1068	1165	1070·4	1232
TOTAL **Deaths**	1327	1395	1277	1390	1279	1177	1163	1401	1230	1237	1287·6	1355
Males . .	664	694	652	686	668	574	583	725	683	646	657·5	693
Females .	663	701	625	704	611	603	580	676	547	591	630·1	662

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	July 6.	July 13.	July 20.	July 27.	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.
TOTAL **Deaths** - -	1511	1589	1787	1792	1877	1694	1517	1433	1365	1260	1259	1250	1355
0—20 - -	807	957	1083	1161	1194	1032	856	805	721	648	629	597	654
20—40 - -	183	160	187	186	205	187	176	191	163	174	193	183	214
40—60 - -	222	225	227	204	227	227	205	194	217	207	211	231	257
60—80 - -	199	213	243	209	217	208	233	202	215	189	187	198	191
at 80 years & upwds.	40	34	47	32	34	40	47	41	49	42	39	41	39
Deaths of children: Under 1 year -	489	598	700	758	812	676	534	492	397	354	331	326	336
Deaths of children: 1—5 - -	292	279	296	302	297	256	227	232	219	213	214	195	228
Deaths of children: 5—20 - -	106	80	87	101	85	100	95	81	105	81	84	76	90
Deaths from 7 principal Zymotic Diseases	350	408	525	622	649	513	397	340	281	252	211	193	192
" " Small-pox -	19	11	19	11	18	14	9	10	6	3	7	4	2
" " Measles - -	31	16	13	21	19	14	10	10	7	10	6	2	6
" " Scarlet fever -	19	20	21	27	26	26	27	24	29	30	27	24	30
" " Diphtheria -	11	8	8	7	6	11	11	11	12	10	13	10	13
" " Whooping-cough	108	85	106	101	89	77	60	74	56	54	37	43	53
" " Typhus fever -	3	2	3	1	–	–	1	1	2	2	5	–	1
" " Enteric (or Typhoid) fever -	9	13	15	16	17	28	12	12	20	18	25	25	20
" " Simple Contd fever	5	4	1	4	4	4	4	3	1	5	2	5	6
" " Diarrhœa - -	145	249	339	434	470	339	263	195	148	120	89	80	61
" " Simple Cholera -	11	7	10	23	24	12	5	6	6	4	1	1	–
" " Dis. of Respiratory Organs -	188	180	202	151	159	155	139	141	175	158	172	215	213
" " Phthisis - -	170	149	163	169	193	173	158	169	157	145	152	161	182
" " Heart Diseases -	76	79	61	78	71	93	82	72	58	72	74	62	81
Violent Deaths - - -	60	71	46	50	50	57	59	35	59	41	43	56	52
Inquest Cases - - -	94	116	76	86	85	91	104	72	91	64	63	85	100
Deaths in Public Institutions	274	250	276	261	254	257	253	231	262	233	246	241	269
TEMPERATURE OF THE AIR: Mean - - - -	60°·1	61°·9	66°·8	65°·2	60°·5	65°·9	62°·2	61°·5	61·8	61°·2	59°·1	54°·4	52°·2
Mean of Highest readings -	70·3	71·8	78·9	76·0	71·5	76·3	73·2	70·6	71·5	72·1	71·0	64·0	61·0
Mean of Lowest readings -	51·7	54·0	54·6	58·1	52·6	56·9	54·9	54·4	56·0	52·8	49·8	47·0	44·0
Mean Temperature of the Water of the Thames -	67·9	66·1	66·5	69·5	68·6	66·7	67·1	65·7	64·7	62·8	61·2	61·4	57·7
Humidity of the Air - -	78	70	70	81	77	76	79	79	85	82	79	79	85
Rain-fall in inches - -	0·94	0·02	0·00	0·21	0·25	2·22	1·08	0·71	1·15	0·00	0·02	0·49	0·19
Registered Sunshine (in hours)	21·6	33·3	56·4	37·6	30·7	54·5	41·1	21·5	27·5	31·2	40·1	34·6	9·6

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-NINTH Week of the Year 1878.

USES OF DEATH.	Average in the Thirty-ninth Weeks of the 10 years 1868–77.*	In the Week ending Saturday, September 28, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
ean Temperature -	54·2°	52·2°							
. CAUSES -	1287·6	1355	336	228	90	214	257	191	39
ECIFIED CAUSES	1281·2	1350	333	227	90	214	256	191	39
I. ZYMOTIC.									
ORDER 1.									
mall-pox - - -	11·3	2	-	-	2	-	-	-	-
leasles - - -	15·5	6	1	5	-	-	-	-	-
carlet Fever - -	90·2	30	2	21	7	-	-	-	-
iphtheria - -	6·7	13	1	8	4	-	-	-	-
uinsy - - -	·7	2	-	2	-	-	-	-	-
roup - - -	10·9	10	-	9	1	-	-	-	-
hooping-cough -	28·3	53	21	31	1	-	-	-	-
yphus - - -	35·3	1	-	-	-	1	-	-	-
nteric or Typhoid Fev.		20	-	2	8	7	2	1	-
imple continued Fev.		6	-	1	2	2	1	-	-
rysipelas - - -	9·0	-	-	-	-	-	-	-	-
uerperal Fev. (Metria)	6·0	1	-	-	-	1	-	-	-
arbuncle - - -	·6	-	-	-	-	-	-	-	-
nfluenza - - -	·2	-	-	-	-	-	-	-	-
ysentery - - -	1·4	1	1	-	-	-	-	-	-
iarrhœa - - -	78·4	61	36	19	1	-	2	2	1
imple Cholera - -	2·9	-	-	-	-	-	-	-	-
ague - - - -	·4	-	-	-	-	-	-	-	-
emittent Fever -	·4	-	-	-	-	-	-	-	-
heumatism - -	8·7	5	-	1	1	1	1	1	-
ther *Zymotic* Diseases	·2	-	-	-	-	-	-	-	-
ORDER 2.									
yphilis - - -	9·2	9	4	2	-	2	1	-	-
tricture of Urethra -	1·2	1	-	-	-	-	-	1	-
ydrophobia - -	·4	-	-	-	-	-	-	-	-
landers - - -	-	-	-	-	-	-	-	-	-
ORDER 3.									
rivation - - -	·4	-	-	-	-	-	-	-	-
ant of Breast-milk -	11·3	11	11	-	-	-	-	-	-
urpura and Scurvy -	1·8	2	-	2	-	-	-	-	-
leo- *a* Del. Tremens	1·4	3	-	-	-	3	-	-	-
lism *b* Intemperance	1·8	3	-	-	-	2	1	-	-
ORDER 4.									
hrush - - -	4·1	3	3	-	-	-	-	-	-
orms, &c. - -	·4	1	-	1	-	-	-	-	-
ONSTITUTIONAL.									
ORDER 1.									
out - - - -	1·6	6	-	-	-	-	3	3	-
ropsy - - -	9·9	6	-	1	2	1	1	1	-
ancer - - -	36·3	52	-	-	-	5	30	17	-
ancrum Oris (Noma)	·3	-	-	-	-	-	-	-	-
ortification - -	2·5	6	1	-	-	-	1	2	2
ORDER 2.									
crofula - - -	7·9	15	4	6	1	-	2	2	-
abes Mesenterica -	31·7	31	18	9	4	-	-	-	-
hthisis - - -	151·4	182	3	5	17	96	56	5	-
ydrocephalus - -	21·2	20	10	9	1	-	-	-	-
III. LOCAL.									
ORDER 1.									
cephalitis - - -	16·4	28	7	11	6	2	2	-	-
poplexy - - -	34·9	35	2	2	-	3	14	12	2
aralysis - - -	25·8	27	-	-	-	3	8	15	1
asanity - - -	1·8	2	-	-	-	-	1	1	-
horea - - -	·1	-	-	-	-	-	-	-	-
pilepsy - - -	5·2	6	-	1	1	1	1	2	-
onvulsions - -	36·1	31	23	8	-	-	-	-	-
rain Disease, &c. -	16·0	24	1	1	4	3	7	8	-
ORDER 2.									
ericarditis - -	3·0	2	-	-	-	1	1	-	-
neurism - - -	3·2	7	-	-	-	2	4	1	-
eart Disease, &c. -	60·1	72	1	-	9	17	24	18	3
ORDER 3.									
aryngitis - - -	5·4	-	-	-	-	-	-	-	-
ronchitis - - -	88·9	135	39	28	2	4	23	30	9
leurisy - - -	2·9	7	-	1	1	1	4	-	-
neumonia - - -	53·8	58	17	19	2	7	8	5	-
sthma - - -	4·2	2	-	-	-	-	-	2	-
ung Disease, &c. -	11·8	11	5	3	-	2	1	-	-

CAUSES OF DEATH.	Average in the Thirty-ninth Weeks of the 10 years 1868–77.*	In the Week ending Saturday, September 28, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature	54·2°	52·2°							
ORDER 4.									
1. Gastritis - - -	2·5	3	-	-	-	1	2	-	-
2. Enteritis - - -	7·4	3	1	1	-	-	1	-	-
3. Peritonitis - - -	4·7	2	-	-	-	1	1	-	-
4. Ascites - -	3·0	1	-	-	-	-	1	-	-
5. Ulceration of Intestines	2·2	4	-	1	-	1	1	1	-
6. Hernia - - -	3·0	1	1	-	-	-	-	-	-
7. Ileus - - - -	2·7	5	1	-	1	-	1	2	-
8. Intussusception - -	·6	-	-	-	-	-	-	-	-
9. Stricture of Intestines	1·0	1	-	-	-	-	1	-	-
10. Fistula - - -	·6	-	-	-	-	-	-	-	-
11. *Stomach Disease, &c.* -	7·3	8	1	-	-	3	3	1	-
12. *Pancreas Disease, &c.*	-	-	-	-	-	-	-	-	-
13. Hepatitis - - -	3·5	1	-	-	-	1	-	-	-
14. Jaundice - - -	4·3	4	2	-	-	-	-	2	-
15. *Liver Disease, &c.* -	17·9	26	-	-	-	7	12	7	-
16. *Spleen Disease, &c.* -	·2	1	-	-	-	1	-	-	-
ORDER 5.									
1. Nephritis - - -	3·1	4	-	2	1	-	1	-	-
2. Ischuria - - -	·3	-	-	-	-	-	-	-	-
3. Bright's Dis. (Nephria)	9·9	15	-	1	1	3	6	3	1
4. Diabetes - - -	2·7	6	-	1	-	1	2	2	-
5. Calculus (Stone) -	·9	-	-	-	-	-	-	-	-
6. Cystitis - - -	1·5	2	-	-	-	1	-	1	-
7. *Kidney Disease, &c.* -	7·9	4	-	-	1	2	-	1	-
ORDER 6.									
1. Ovarian Dropsy - -	1·0	3	-	-	-	-	2	1	-
2. *Uterus Disease, &c.* -	4·4	5	-	-	-	2	2	1	-
ORDER 7.									
1. Synovitis (Arthritis) -	·2	-	-	-	-	-	-	-	-
2. *Joint Disease, &c.* -	6·7	5	-	-	-	3	2	-	-
ORDER 8.									
1. Phlegmon - - -	2·7	4	-	-	1	3	-	-	-
2. Ulcer - - - -	·9	3	-	-	-	-	2	1	-
3. *Skin Disease, &c.* -	1·0	2	2	-	-	-	-	-	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth -	22·4	31	31	-	-	-	-	-	-
2. Cyanosis - - -	2·7	2	2	-	-	-	-	-	-
3. Spina Bifida - -	1·3	-	-	-	-	-	-	-	-
4. Other Malformations -	2·8	3	3	-	-	-	-	-	-
5. Teething - - -	10·1	10	6	4	-	-	-	-	-
ORDER 2.									
1. Paramenia - -	-	-	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever) - -	5·9	5	-	-	-	4	1	-	-
ORDER 3.									
1. Old Age - - -	41·8	44	-	-	-	-	-	25	19
ORDER 4.									
1. Atrophy and Debility	71·3	81	63	7	1	-	1	9	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	17·7	23	2	1	5	6	8	5	1
2. Wounds { Gunshot	·7	-	-	-	-	-	-	-	-
2. Wounds { Cut, Stab		-	-	-	-	-	-	-	-
3. Burns and Scalds -	3·3	1	-	1	-	-	-	-	-
4. Poison - - -	1·5	-	-	-	-	-	-	-	-
5. Drowning - - -	4·8	5	-	-	2	3	-	-	-
6. Suffocation - -	7·7	5	5	-	-	-	-	-	-
7. Otherwise - - -	3·4	2	-	-	-	1	1	-	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	2·6	2	2	-	-	-	-	-	-
ORDER 4. (SUICIDE.)									
1. Wounds { Gunshot -	·2	-	-	-	-	-	-	-	-
1. Wounds { Cut, Stab -	1·3	3	-	-	-	1	2	-	-
2. Poison - - -	1·1	1	-	-	-	-	1	-	-
3. Drowning - - -	1·9	1	-	-	-	-	1	-	-
4. Hanging - - -	·9	2	-	-	-	1	1	-	-
5. Otherwise - - -	·1	2	-	-	-	1	1	-	-
ORDER 5. (EXECUTION.)									
1. Hanging - - -	-	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - -	·8	1	1	-	-	-	-	-	-
Causes not specified or ill-defined - - -	5·6	4	2	1	-	-	1	-	-

These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered ng 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, slaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCA during the Week en

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON - - -	3,254,260	2494	1355	336	230	2	6	30	13	53	1	20	6	61	52	100
WEST DISTRICTS - - - -	561,359	390	239	59	42	-	3	6	2	12	-	3	1	12	10	19
NORTH DISTRICTS - - -	751,729	575	295	62	58	1	1	3	2	15	1	5	2	7	14	25
CENTRAL DISTRICTS - - -	334,369	161	130	28	20	-	-	3	2	10	-	5	-	4	7	13
EAST DISTRICTS - - - -	639,111	495	269	86	40	-	1	8	1	6	-	3	-	21	12	24
SOUTH DISTRICTS - - - -	967,692	873	422	101	70	1	1	10	6	10	-	4	3	17	9	19
WEST DISTRICTS.																
St. Mary Paddington *WH* G.J. & W.M.	58728	35	27	7	4	-	-	2	1	4	-	-	-	1	2	2
St. John Paddington *H* - - G.J.	38085	16	6	2	-	-	-	-	-	-	-	-	-	-	1	1
Kensington Town *W* - - - W.M.	91645	83	40	11	10	-	2	-	-	-	-	-	-	4	1	3
Brompton *H* - - - W.M. & C.	28654	15	5	-	1	-	-	-	-	-	-	-	-	-	-	-
St. Peter Hammersmith - - W.M.	6662	2	2	-	-	-	-	-	1	-	-	-	-	-	-	-
St. Paul Hammersmith *H* W.M. & G.J.	36029	33	36	9	5	-	-	4	-	4	-	1	-	-	2	5
Fulham *WwH* - - - W.M. & C.	23350	30	11	3	-	-	-	-	-	-	-	-	-	2	-	-
Chelsea South *HHH* - - - C.	26420	26	9	3	2	-	-	-	-	1	-	-	1	1	-	1
Chelsea North-west *WHHHH* - C.	22926	29	15	4	4	-	-	-	-	-	-	-	-	-	-	-
Chelsea North-east - - - C.	21392	14	5	3	1	-	-	-	-	1	-	-	-	-	-	-
Hanover Square *H* - - - G.J.	18698	8	9	3	1	-	-	-	-	-	-	-	-	1	-	1
May Fair *WW* - - - - G.J.	13358	6	7	1	4	-	-	-	-	-	-	1	-	-	1	1
Belgrave *HH* - - - - C.	57972	27	23	3	3	-	-	-	-	-	-	-	-	3	1	1
St. John Westminster *HH* - - C.	38478	27	6	1	1	-	-	-	-	-	-	-	-	-	-	-
St. Margaret Westminster *WH* - C.	27781	13	14	2	3	-	1	-	-	-	-	1	-	-	2	4
Golden Square *WH* - - - G.L.	12860	7	4	1	1	-	-	-	-	-	-	-	-	-	-	-
Berwick-street *H* - N.R. & G.J.	20759	8	8	4	1	-	-	-	-	-	-	-	-	-	-	-
St. Anne Soho *HHHHH* - - N.R.	17562	11	12	2	1	-	-	-	-	2	-	-	-	-	-	-
NORTH DISTRICTS.																
All Souls Marylebone *HHHH* - W.M.	28579	15	9	2	2	-	-	-	-	-	-	-	-	-	2	2
Cavendish Square *HH* - - W.M.	15425	2	5	-	2	-	-	-	-	-	-	-	-	-	-	1
Rectory Marylebone *WH* G.J. & W.M.	26384	13	11	4	1	-	1	-	-	1	-	-	-	-	-	1
St. Mary Maryleb. *HHH* G.J. & W.M.	21786	24	10	3	1	-	-	-	-	-	-	-	-	-	-	-
Christchurch Marylebone *H* - W.M.	33944	20	11	3	1	-	-	-	-	-	-	-	-	-	-	2
St. John Marylebone *H* - - W.M.	33136	17	11	4	4	-	-	-	-	-	-	-	-	1	-	1
Hampstead *WwHH* - N.R. & W.M.	32281	19	11	3	2	-	-	-	-	-	-	-	-	1	-	1
Regent's Park Pancras - - W.M.	38200	17	12	1	3	-	-	-	-	-	-	-	-	1	1	1
Tottenham-court *wHHH* N.R. & W.M.	29370	19	22	2	4	-	-	-	-	-	-	-	-	-	-	1
Gray's Inn Lane *HHH* - - N.R.	29221	15	10	1	3	-	-	-	-	2	-	-	-	-	-	-
Somers Town - - - - N.R.	38533	21	12	3	2	-	-	-	-	-	-	-	-	-	1	1
Camden Town *WH* - - - N.R.	17943	11	7	1	3	-	-	-	-	1	-	-	-	-	1	2
Kentish Town *w* - - - - N.R.	68198	63	20	3	6	-		-	-	1	-	1	-	-	1	3
Islington West *HHH* - - - N.R.	97820	88	37	8	3	1	-	2	1	2	1	-	1	1	1	2
Islington East *WwwH* - - N.R.	115958	101	52	10	10	-	-	1	1	3	-	1	1	2	4	4
Stoke Newington *H* - - - N.R.	9841	17	6	1	1	-	-	-	-	1	-	-	-	-	-	-
Stamford Hill - - - - E.L.	6598	8	3	1	-	-	-	-	-	1	-	-	-	-	-	-
West Hackney - - - N.R.	28069	27	9	2	2	-	-	-	-	1	-	1	-	-	-	-
Hackney *WwwHL* - E.L. & N.R.	50104	46	23	6	5	-	-	-	-	1	-	2	-	1	3	3
South Hackney - - - - E.L.	30339	32	14	4	3	-	-	-	-	1	-	-	-	-	-	-
CENTRAL DISTRICTS.																
St. George Bloomsbury - - N.R.	17853	10	2	1	-	-	-	-	-	-	-	-	-	-	1	1
St. Giles South *WH* - - - N.R.	19109	17	8	5	-	-	-	-	-	2	-	-	-	1	1	1
St. Giles North - - - - N.R.	16594	7	8	2	1	-	-	1	-	-	-	-	-	-	-	-
St. Martins-in-the Fields* - N.R. & C.	21238	9	9	3	1	-	-	-	-	-	-	-	-	-	1	2
St. Mary-le-Strand - - - N.R.	9378	-	2	1	1	-	-	-	-	-	-	-	-	1	-	-
St. Clement Danes *H* - - - N.R.	10723	2	7	1	3	-	-	-	-	1	-	-	-	-	-	-
St. George-the-Martyr *HHHHH* N.R.	20521	8	11	1	3	-	-	-	1	1	-	-	-	-	-	-
St. Andrew Eastern *W* - - N.R.	13529	5	13	1	2	-	-	-	-	-	-	-	-	1	-	1
Saffron Hill *H* - - - - N.R.	9066	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell *W* - - N.R.	18917	8	5	-	-	-	-	-	-	1	-	1	-	-	-	-
Amwell Clerkenwell - - - N.R.	16884	14	9	3	1	-	-	1	-	1	-	-	-	-	1	1
Pentonville - - - - - N.R.	13337	12	3	1	-	-	-	-	-	-	-	1	-	-	-	-
Goswell-street - - - - N.R.	16242	13	5	-	2	-	-	-	-	-	-	-	-	-	-	-
Old-street *H* - - - - N.R.	12161	9	5	1	1	-	-	-	-	1	-	1	-	-	-	1
City-road *HHL* - - - - N.R.	18301	13	11	4	2	-	-	-	-	-	-	-	-	-	-	1
Whitecross-street - - - - N.R.	13792	2	4	1	1	-	-	-	-	-	-	-	-	-	1	2
Finsbury - - - - - N.R.	10741	5	4	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph *H* - - N.R. & E.L.	14540	4	4	1	-	-	-	-	1	-	-	-	-	-	-	1
Cripplegate - - - - - N.R.	13638	5	2	-	-	-	-	-	-	1	-	-	-	-	-	-
St. Sepulchre *H* - - - - N.R.	7562	2	12	-	-	-	-	-	-	1	-	1	-	-	2	2
St. Bride *W* - - - - - N.R.	11185	2	3	1	1	-	-	1	-	1	-	1	-	-	-	-
Castle Baynard - - - - N.R.	4426	3	1	-	-	-	-	-	-	-	-	-	-	1	-	-
Christchurch - - - - N.R.	6270	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe - - - - - N.R.	4753	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking - - - N.R.	5764	5	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Broad-street *H* - - - - N.R.	7845	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* On 1st August the sub-districts of Long Acre and Charing Cross were united for registration purposes under the name of St. Martins-in Fields sub district.

NOTE.—The Italic capitals placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—W house; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it sts see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub districts:—G.J. sig Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East Lon and K. the Kent Company.

, Diphtheria, Whooping-cough, Fever, Diarrhœa, Violence, &c., registered in each Sub-district
ay, 28th September 1878.

Registration Sub-districts.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The Deaths registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
East Districts.																	
ell Shoreditch - N.R. & E.L.	12430	2	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
nard Shoreditch *HL*† - N.R.	16545	10	8	5	1	-	-	1	-	2	-	-	-	1	-	-	-
New Town *w* - - - N.R.	27835	30	13	7	-	-	-	-	-	-	-	-	-	-	-	-	-
Old Town - - - - N.R.	26933	15	11	2	-	-	-	4	-	-	-	1	-	1	-	-	-
ston *WH* - - N.R. & E.L.	43421	41	16	8	5	-	-	-	-	-	-	-	-	2	1	1	4
ey-road *H* - - - - E.L.	29822	23	9	4	-	-	-	-	-	-	-	-	-	1	-	-	1
Bethnal Green *WHL*† - E.L.	42433	32	24	2	8	-	-	1	-	-	-	1	-	1	-	2	11
, Bethnal Green - - E.L.	26577	22	8	5	1	-	-	-	-	-	-	-	-	1	1	2	-
Bethnal Green - - - E.L.	21272	20	5	2	1	-	-	-	-	-	-	-	-	2	-	1	-
elds *H* - - E.L. & N.R.	22499	11	7	4	-	-	-	-	-	-	-	-	-	1	-	1	-
nd New Town *W* - - E.L.	15550	8	3	1	-	-	-	-	-	-	-	-	-	1	-	1	-
hapel North - E.L. & N.R.	11597	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
hapel Church *H* - - E.L.	7322	1	14	-	4	-	-	-	-	-	-	1	-	-	3	4	12
an's Fields - - - - E.L.	10381	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e - - - - - N.R. & E.L.	9224	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
ry St. George East - - E.L.	17900	14	7	3	1	-	-	-	-	-	-	-	-	1	1	1	-
l St. George East - - E.L.	21350	8	4	1	-	-	-	-	-	-	-	-	-	-	-	1	-
n St. George East *W* - E.L.	8802	5	10	4	3	-	-	-	1	-	-	-	-	-	-	-	6
ell *H* - - - E.L. & N.R.	11640	14	7	3	-	-	-	-	-	1	-	-	-	2	1	1	5
- - - - - - - E.L.	16131	10	6	1	1	-	-	-	-	-	-	-	-	1	-	1	-
ouse - - - - - - E.L.	29919	25	13	5	2	-	-	1	-	-	-	-	-	-	1	2	-
nd Old Town West - - E.L.	38128	29	11	3	1	-	-	-	-	-	-	-	-	-	-	1	-
nd Old Town East *WwcH* - E.L.	55024	49	28	5	6	-	1	-	-	1	-	-	-	2	-	1	4
wwwH - - - - E.L.	67765	65	35	9	3	-	-	-	-	-	-	-	-	2	2	2	9
WW - - - - - - E.L.	48611	46	23	9	3	-	-	1	-	2	-	-	-	2	2	2	-
South Districts.																	
church Southwark *WH* L. & S.	14573	13	3	1	1	-	-	-	-	-	-	-	-	-	1	1	-
viour Southwark *H* - - S.	15677	15	6	4	-	-	-	-	-	-	-	-	-	-	-	-	-
oad - - - - - S. & L.	20421	21	9	3	1	-	-	-	-	-	-	-	-	2	-	-	-
gh-road *WH* - - S. & L.	16695	12	7	3	2	-	-	-	-	-	-	-	-	-	-	-	1
n-road *HL* - - L. & S.	18961	12	7	1	1	-	-	1	-	-	-	-	-	1	-	-	-
Newington - - S. & L.	23682	21	10	5	3	-	-	-	-	1	-	-	-	-	-	-	-
er Walworth *W* - S. & L.	48248	43	28	6	6	1	-	-	1	-	-	-	-	-	-	1	9
ry Newington - - L. & S.	16792	19	8	3	1	-	-	-	-	1	-	-	-	-	1	1	-
ve Southwark *H* - - S.	4373	3	9	-	1	-	-	-	1	-	-	-	-	-	3	3	7
n Horsleydown *W* - - S.	10500	10	7	1	1	-	-	2	-	-	-	-	-	-	-	-	1
r Market - - - S. & L.	16787	14	5	1	-	-	-	-	-	-	-	-	-	1	-	-	-
ry Magdalen *W* - - - S.	15709	17	8	-	3	-	-	-	-	-	-	-	-	1	-	-	3
nes Bermondsey - - S.	47933	44	10	4	1	-	-	-	-	1	-	-	-	-	-	1	-
hithe *W* - - - S. & K.	27096	28	14	4	1	-	-	-	1	1	-	-	-	-	-	2	3
loo-road 1st *H* - - L. & S.	14074	12	5	3	-	-	1	-	-	-	-	-	-	-	-	-	1
loo-road 2nd *H* - - L. & S.	18465	13	8	2	1	-	-	-	-	-	-	-	1	2	-	-	-
th Church 1st *H* - L. & S.	19492	16	26	3	1	-	-	1	1	-	-	-	1	1	1	1	18
th Church 2nd *WW* - L. & S.	35833	28	18	2	6	-	-	2	1	1	-	-	-	1	-	1	8
ngton 1st - - - S. & L.	41286	25	18	3	1	-	-	2	-	-	-	1	-	-	-	-	-
ngton 2nd - - - S. & L.	31221	20	7	1	2	-	-	-	-	-	-	-	-	-	-	-	-
n *w* - - - - L. & S.	35435	40	14	6	2	-	-	-	-	-	-	-	-	-	-	-	-
od *W* - - - - - L.	12536	7	7	4	-	-	-	-	1	-	-	-	-	1	-	-	-
m *H* - - - - - S.	27347	19	9	-	-	-	-	2	-	-	-	-	-	1	1	1	-
sea *Ww* - - - - S.	54016	75	32	8	7	-	-	-	-	-	-	-	-	1	1	3	4
worth *HL* - - - S.	19783	19	5	2	1	-	-	-	-	-	-	-	-	-	-	1	-
- - - - - - S.	9439	11	5	2	1	-	-	-	-	-	-	-	-	1	-	-	-
nam - - - - - - L.	14475	13	5	1	3	-	-	-	-	-	-	-	-	-	-	1	-
ch - - - - - L. & S.	4041	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
rwell *WL*†*L*† - S. & L.	31254	26	22	3	5	-	-	-	-	-	-	-	-	1	-	-	16
am *W* - - S., L., & K.	42160	41	16	5	3	-	-	-	-	1	-	1	-	1	-	-	-
orge Camberwell - L. & S.	33851	43	13	6	-	-	-	-	-	1	-	-	1	-	-	-	-
ul Deptford *w* - - - K.	53714	52	18	3	1	-	-	-	-	2	-	-	-	-	-	-	-
holas Deptford - - - K.	6474	5	3	-	2	-	-	-	-	-	-	1	-	-	-	-	-
wich West - - - - K.	21034	12	5	-	1	-	-	-	-	1	-	-	-	1	-	-	-
wich East *WH* - - - K.	19378	17	14	2	4	-	-	-	-	-	-	-	-	1	1	2	9
n *H* - - - - - K.	4539	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- - - - - - K.	16440	10	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-
nam Village *WH* - - K.	11513	13	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-
nam *H* - - - - L.	19065	24	7	2	3	-	-	-	-	-	-	-	-	-	-	-	-
on *H* - - - - - K.	9564	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ich Dockyard - - - K.	17226	10	4	-	1	-	-	-	-	-	-	1	-	-	-	-	-
ich Arsenal *WHH* - - K.	18231	19	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-
tead West - - - - K.	13027	6	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
tead East *W* - - - K.	15232	12	6	-	1	-	-	-	-	-	-	-	-	-	-	-	5

ollowing Workhouse Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by *w*:—

ntral London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
ndon City Workhouse in Islington East sub-district.
lborn Infirmary " " "
ndon City Workhouse " Hackney sub-district.
lborn " " Hoxton New Town sub-district.
itechapel " " Mile End Old Town Eastern sub-dist.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7.—LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 28th September 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
	LONDON—OUTER RING	368,414	631,381	557	271	79	60	-	4	7	4	10	4	12	10	12
29 : 1	Carshalton *wL* - - -	12228	13523	16	10	-	3	-	-	-	-	-	-	-	-	-
2	Epsom (*part of*) * *WH* -	9971	9145	6	1	-	-	-	-	-	-	-	-	-	-	-
36 : 1	Godstone (*part of*) * - -	2754	900	3	1	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	54	36	9	14	-	-	1	1	2	1	2	1	1
2	Mitcham *WH* - - -	11697	12534	12	1	-	-	-	-	-	-	-	-	-	-	-
38 : 1	Wimbledon *HH* - - -	3220	9087	3	2	-	-	-	1	-	-	-	-	-	-	-
2	Kingston *WH* - - -	8549	27489	20	11	3	3	-	-	-	-	-	-	-	1	1
3	Esher (*part of*) * - -	6601	7353	5	-	-	-	-	-	-	-	-	-	-	-	-
4	Hampton - - - -	4573	10185	5	5	1	2	-	-	-	-	-	-	1	-	-
39 : 1	Richmond *WH* - - -	2271	16829	14	8	2	2	-	-	-	-	-	-	1	4	4
2	Mortlake - - - -	2961	9316	7	3	1	2	-	-	-	-	-	-	-	-	-
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	18	4	2	1	-	-	-	-	1	-	-	-	-
2	Chislehurst (*part of*) * *W* -	13665	10028	5	1	-	-	-	-	-	-	-	-	-	-	-
41 : 1	Bexley *H* - - - -	13439	19566	20	7	1	3	-	-	-	-	-	-	-	1	2
123 : 1	Sunbury *W* - - -	11055	9860	5	4	2	-	-	-	-	-	-	1	-	-	-
2	Staines *W* - - - -	13277	10339	6	2	-	1	-	-	-	-	-	-	-	-	-
124 : 1	Hillingdon *WH* - - -	6029	9712	3	8	-	2	-	-	-	-	-	-	1	1	1
2	Uxbridge - - - -	6178	5329	3	-	-	-	-	-	-	-	-	-	-	-	-
3	Hayes *WL* - - - -	14587	10497	7	4	1	1	-	-	-	-	-	-	-	-	-
125 : 1	Isleworth *W* - - -	7008	19930	17	2	1	1	-	-	-	-	-	-	-	-	-
2	Twickenham - - -	2477	10533	7	1	-	-	-	-	-	-	-	-	-	-	-
3	Brentford *HL* - - -	4370	20279	17	6	-	1	-	-	-	-	-	-	1	-	-
4	Chiswick - - - -	1311	8508	9	3	2	1	-	-	-	-	-	-	-	-	-
5	Acton *WH* - - - -	6087	12683	10	6	-	2	-	-	-	-	1	-	-	1	1
126 : 1	Harrow *H* - - - -	13809	10869	5	3	-	-	-	-	2	-	-	-	-	-	-
2	Edgware *H* - - -	6994	3450	1	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	20	6	3	-	-	-	-	-	-	-	3	-	-
4	Hendon *WH* - - -	8382	6972	8	3	1	-	-	-	-	-	-	-	-	-	-
127 : 1	South Mimms - - -	15419	5924	9	3	1	1	-	-	-	-	-	-	-	-	-
2	Barnet *W* - - - -	5423	7752	8	6	1	4	-	-	-	-	-	-	1	-	-
3	Finchley *L* - - - -	4688	11493	5	5	1	1	-	-	-	2	-	-	-	-	-
128 : 1	Hornsey *H* - - - -	3039	19357	24	11	5	2	-	1	1	-	-	-	1	-	-
2	Tottenham *H* - - -	4642	22869	19	17	7	3	-	2	1	-	-	-	1	-	-
3	Edmonton *WW* - - -	7483	13860	14	8	1	2	-	-	1	-	-	-	-	1	2
4	Enfield *WH* - - -	12653	16054	20	9	3	2	-	-	1	-	-	-	-	-	-
5	Waltham Abbey - - -	11017	5197	4	1	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	3	2	-	2	-	-	-	-	-	-	-	-	-
134 : 1	Hatfield (*part of*) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	3	1	1	-	-	-	-	-	-	-	-	-	-
185 : 1	Stratford - - - -	882	23286	26	11	3	-	-	-	-	-	2	-	-	-	-
2	West Ham *WWWW* - -	7345	44642	73	34	15	1	-	-	-	-	2	1	-	-	-
3	Leyton *WW* - - -	4274	15513	9	8	3	2	-	-	-	-	1	1	-	-	-
4	Walthamstow *H* - -	6619	15701	13	7	4	-	-	-	-	1	-	-	-	-	-
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	6	2	1	-	-	-	-	-	-	-	-	-	-
188 : 1	Romford (*part of*) * - -	6730	2879	1	2	1	1	-	-	-	-	-	-	-	-	-
2	Ilford - - - - -	8492	5947	2	2	-	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	12	4	3	-	-	-	-	-	1	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follo 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Gods sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, excep two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 9 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoidon- (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

BLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 28th September 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Deaths in Public Institutions.
TER LONDON	446,494	4,450,015	19·1	2·7	1626	415	290	2	10	37	17	63	31	73	62	296
ER LONDON -	78,080	3,577,304	19·8	2·8	1355	336	230	2	6	30	13	53	27	61	52	269
TER RING -	368,414	872,711	16·1	2·5	271	79	60	-	4	7	4	10	4	12	10	27

.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal 47 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area 14 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, h 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,758,933 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	August 17	-	237	28·7	Small-pox 10; fevers 85.
BOMBAY - -	644,405	" 27	-	564	35·9	Cholera 21; remittent fever 181.
MADRAS - -	397,552	" 9	310	304	39·7	Fevers 69.
PARIS - - -	1,988,806	September 26	-	846	22·1	Typhoid fever 27.
GENEVA - -	68,792	" 21	28	18	13·7	—
BRUSSELS - -	175,782	" 14	105	67	19·9	Whooping-cough 3.
AMSTERDAM -	302,266	" 14	197	124	21·3	Typhus and typhoid fever 7.
ROTTERDAM -	142,585	" 14	105	65	23·7	Scarlet fever 7.
THE HAGUE -	107,896	" 14	85	48	23·0	Scarlet fever 2.
COPENHAGEN -	220,000	" 24	133	102	24·2	Typhoid fever 5.
STOCKHOLM -	152,825	" 14	-	64	21·7	Diarrhœa 24.
CHRISTIANIA -	105,000	" 21	108	37	18·0	—
ST. PETERSBURGH	669,741	" 14	-	444	34·5	Small-pox 31.
BERLIN - -	1,019,620	" 7	841	619	31·2	Scarlet fever 19.
HAMBURG (State)	406,104	" 14	379	224	28·8	Diarrhœal diseases 43.
DRESDEN - -	207,845	" 14	134	107	26·4	Diphtheria and croup 3.
BRESLAU - -	267,000	" 21	206	137	26·8	Diarrhœal diseases 31.
MUNICH - -	222,000	" 21	174	155	36·0	Diphtheria and croup 5.
VIENNA - -	727,271	" 21	552	297	21·2	Small-pox 8.
BUDA-PESTH -	319,530	" 14	232	255	41·5	Small-pox 5; diphtheria 6.
ROME - - -	282,214	August 17	165	131	24·2	Typhus and typhd. fev. 6.
NAPLES - -	457,407	" 19	-	-	-	—
TURIN - -	227,843	September 14	164	93	21·3	Small-pox 3.
VENICE - -	139,796	" 21	71	58	21·6	Typhoid fever 3.
ALEXANDRIA -	212,034	" 12	186	174	42·8	Whooping-cough 8.
NEW YORK -	1,084,528	August 31	-	553	26·5	Diarrhœal diseases 137.
BROOKLYN -	549,438	" 31	-	233	22·1	Diphtheria 10; diarrhœal diseases 51.
PHILADELPHIA	876,118	September 7	-	308	18·3	Scarlet fever 10; typhoid fever 9.
BALTIMORE -	355,000	" 7	-	140	20·6	Diphtheria 7; typhoid fever 10.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 28th SEPTEMBER, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Between Dew Point and Air Temperature. Greatest.	Between Dew Point and Air Temperature. Least.	Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure on square foot. Greatest.	Osler's. Pressure on square foot. Least.	Osler's. Pressure on square foot. Mean of 24 Obs	Robinson's. Amount of Horizontal Movement of Air each day.	Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SEPT.																											
SUN.	22	..	29·657	59·1	46·0	13·1	52·5	46·3	76·3	42·5	60·3	58·1	6·2	12·0	3·1	− 2·8	80	S. & SSE.	S. & SSE.	2·3	0·0	0·1	243	− 15	0·01	8·2
MON.	23	..	29·308	58·5	41·5	17·0	49·1	45·3	79·1	35·0	59·7	57·8	3·8	11·4	0·0	− 6·1	87	S. SW. & W.	W. & N.	0·0	0·0	0·0	135	−123	0·13	4·5
TUES.	24	..	29·513	59·4	38·2	21·2	47·7	44·8	77·2	31·6	59·3	56·8	2·9	12·7	0·5	− 7·3	90	SW.	N. NW. & SW.	0·0	0·0	0·0	135	−123	0·00	0·0
WED.	25	In Equator	29·533	60·5	43·4	17·1	52·7	49·7	90·5	35·9	58·5	55·8	3·0	7·2	0·0	− 2·1	89	SW. & SSW.	SW. & N.	1·8	0·0	0·1	292	+ 36	0·05	0·0
THURS.	26	New. Perigee.	29·831	59·3	40·7	18·6	49·4	42·0	100·7	35·1	58·3	55·8	7·4	15·6	0·0	− 5·3	76	N. NW. & W.	WNW. & WSW.	1·0	0·0	0·0	223	− 31	0·00	0·0
FRI.	27	..	29·922	62·8	43·5	19·3	54·5	49·3	117·8	35·0	58·3	55·3	5·2	10·3	1·8	− 0·1	83	WSW.	SW. & WSW.	1·6	0·0	0·0	283	+ 31	0·00	0·0
SAT.	28	..	29·922	67·3	54·8	12·5	59·4	56·2	88·8	49·5	58·3	55·3	3·2	9·9	0·2	+ 4·9	89	WSW.	WSW.	0·0	0·0	0·0	184	− 66	0·00	0·0
MEANS		..	29·669	61·0	44·0	17·0	52·2	47·7	90·1	37·8	59·0	56·4	4·5	11·3	0·8	− 2·7	85	Variable.		..	..	..	Sum 1495	Sum −291	Sum 0·19	1·8
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. September.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY	22	The Electrometer (Thomson's Self Recording) was under adjustment through out the week.	0·1	12·2	Generally overcast. Slight rain in morning; thin rain in evening.
MONDAY	23		0·9	12·1	Rain in early morning; fine during the day. Amount of cloud variable; evening cloudless. Heavy dew.
TUESDAY	24		0·4	12·0	Sky generally covered with thin cloud till afternoon; which increased in density towards evening. A solar halo was visible in the morning.
WEDNESDAY	25		0·3	11·9	Generally overcast, with occasional thin rain.
THURSDAY	26		5·1	11·9	Fine. Amount of cloud variable during the day; evening cloudless.
FRIDAY	27		2·7	11·8	Morning fine; generally overcast from noon.
SATURDAY	28		0·1	11·7	Generally overcast in morning; less cloudy afterwards. The upper part of a solar halo was visible in afternoon.
..		..	Sum 9·6	Sum 83·6	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and − "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Sir E. Y. W. Henderson, R.E., K.C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29·99 in. at the beginning of the week to 29·29 in. by

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
October 7th, 1878.

United Kingdom.

During last week 5799 *births* and 3409 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality from all causes was at the average rate of 21 deaths annually in every 1000 persons living. The annual death-rate was 17 per 1000 in Edinburgh, 21 in Glasgow, and 25 in Dublin; small-pox caused 7 deaths in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Brighton 14, Leicester 17, Portsmouth 17, Norwich 19, Bristol 19, Nottingham 19, Plymouth 19, Sheffield 19, Wolverhampton 20, London 20, Salford 21, Bradford 22, Oldham 22, Manchester 23, Birmingham 25, Leeds 25, Newcastle-upon-Tyne 25, Sunderland 26, Hull 26, and the highest rate during the week 28 in Liverpool. The annual death-rate from the seven principal zymotic diseases averaged 3·7 per 1000 in the twenty towns, and ranged from 0·5 and 0·8 in Brighton and Portsmouth, to 6·7 and 7·0 in Liverpool and Sunderland. Scarlet fever showed fatal prevalence in Oldham, Birmingham, Liverpool, and Newcastle-upon-Tyne; the deaths referred to fever were proportionally most numerous in Leeds, Sunderland, and Salford. Small-pox caused 4 deaths in London. The annual death-rate from diarrhœa in the twenty towns, which in the nine preceding weeks steadily declined from 8·3 to 1·5, further fell last week to 1·1.

London.

In London 2429 births and 1355 deaths were registered. Allowing for increase of population, the births exceeded by 35, while the deaths were 32 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which had been equal to 18·2 and 19·8 per 1000 in the two preceding weeks, was again 19·8 last week.

The 1355 deaths included 4 from small-pox, 19 from measles, 34 from scarlet fever, 20 from diphtheria, 40 from whooping-cough, 28 from different forms of fever, and 45 from diarrhœa; thus to the seven principal diseases of the zymotic class 190 deaths were referred, against 193 and 192 in the two preceding weeks. These 190 deaths were 80 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 2·8 per 1000; this zymotic rate ranged from 2·4 in the North, to 3·5 in the Central groups of Districts. The 40 deaths from whooping-cough, although 13 less than those in the previous week, exceeded the corrected average by 10, and included 10 in the West, and 12 in the North groups of districts. The 34 fatal cases of scarlet fever showed a further increase upon the numbers in recent weeks, but were 62 below the average; 5 were recorded in Hackney, 8 in Shoreditch, 4 in Lambeth, and 4 in Camberwell. The deaths from measles, which had not exceeded 2 and 6 in the two previous weeks, further rose to 19 last week, but were slightly below the average; 4 occurred in Kensington, 3 in Marylebone, and 3 (including 2 in one family) in Islington. Diphtheria caused 20 of the deaths registered last week, showing an excess of 11 upon the corrected average; 2 were returned in Pancras, 3 in Islington, 3 in Shadwell (of which 2 occurred in one family at 19, Mercer Street, and one in the Children's Hospital), and 4 in Camberwell. Can nothing be done to arrest the progress of this epidemic disease? The fatal cases of fever, which had been 32, 30, and 27 in the three preceding weeks, were 28 last week, of which 2 were certified as typhus, 22 as enteric fever, and 4 as simple continued fever. The 2 deaths from typhus were recorded at 6, Mercer Street, Shadwell; and at 38, Choumert Grove, Camberwell. Of the 22 deaths from enteric fever, 3 occurred in Shoreditch, 3 in Bethnal Green, and 2 in Deptford. The Metropolitan Asylum Hospitals contained 105 enteric fever patients

on Saturday last, of which 23 were admitted during the week; and 16 were under treatment in the London Fever Hospital.

The fatal cases of small-pox, which had been 4 and 2 in the two previous weeks, were again 4 last week, all of which occurred in the Metropolitan Asylum Hospital at Deptford; 2 of the fatal cases had been admitted from Greenwich, one from Camberwell, and one from Bethnal Green. Three were cases of unvaccinated children aged 9 months, 11 months, and 7 years; and the fourth was of a vaccinated adult. The Metropolitan Asylum Hospitals contained 96 small-pox patients on Saturday last, showing a further decline of 14 from the numbers at the end of recent weeks; 15 new cases were, however, admitted to these hospitals during the week, against 2, 9, and 13 in the three preceding weeks. The Highgate Small-pox Hospital contained but 2 patients on Saturday last.

The deaths from diarrhœa and simple cholera, which had steadily declined from 494 to 61 in the nine preceding weeks, further fell to 45 last week, and were 17 below the corrected average. The annual death-rate from diarrhœa last week was equal to 0·7 per 1000, against 1·5 in the nineteen large provincial towns.

The deaths referred to diseases of the respiratory organs, which had been 215 and 213 in the two previous weeks, rose to 247 last week, and exceeded the corrected average by 39; 155 resulted from bronchitis, and 61 from pneumonia.

Different forms of violence caused 30 deaths; 28 were the result of negligence or accident, including 9 from fractures and contusions, 2 from burns and scalds, 3 from drowning, and 9 of infants under one year of age from suffocation. The 9 deaths from fractures and contusions were thus caused:—a male aged 8 years, and a female aged 2, run over by vans; male 44, struck by truck; male 40, run over by engine (railway not stated); male 65, fell from ladder; male 49, fell down stairs; male 36, fell down area steps; female 3 months, fell from bed; and male 54, by wall falling upon him. An inquest was held in each of these 9 cases.

Greater London.

In the Greater London 2996 births and 1600 deaths were registered, equal to annual rates of 35·1 and 18·8 per 1000 of the population. In the Outer Ring, 6 deaths (including 3 in the district of Edmonton), were referred to diphtheria, making 26 in Greater London. Two fatal cases of enteric fever were returned in Tottenham, and 4 of whooping-cough in West Ham.

Dr. Frankland reports, as the result of his analyses of the waters supplied to the Metropolis during September, that taking the average amount of organic impurity in a given volume of the Kent Company's water during the nine years ending December 1876 to represent unity, the proportional amount of such impurity in an equal volume of water supplied by each of the other Companies, and by the Tottenham Local Board, was:—Tottenham 1·2, Colne Valley 1·2, Kent 1·5, New River 2·0, East London 2·9, Chelsea 3·4, Grand Junction 4·1, Southwark 4·3, West Middlesex 5·2, and Lambeth 5·3. The waters delivered by the five Companies deriving their supply from the Thames were again of inferior quality; the Lambeth water was "also turbid, and contained moving organisms." The Chelsea Company distributed the best Thames water. The Lea waters delivered by the New River and East London Companies were of superior quality, and had been efficiently filtered. The deep well waters supplied by the Kent and Colne Valley Companies, and by the Tottenham Local Board, were of their usual excellent quality. The temperature of the Thames waters on delivery averaged 63°·3, while that of the deep-well waters did not exceed 55°·0 Fahrenheit.

Dr. Hill, Medical Officer of Health, reports a slight increase in the proportion of organic matter in the water supplied to Birmingham, which was also somewhat turbid. Dr. Mills reports that the Loch Katrine water supplied to Glasgow was of a light brown colour, and contained "a large quantity of suspended matter, consisting of muddy particles and flakes."

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 26, Bombay 36, Madras 46; Paris 23; Geneva 17; Brussels 26; Amsterdam 18, Rotterdam 25, The Hague 26; Copenhagen 21; Stockholm 21; Christiania 15; St. Petersburgh 35; Berlin 30, Hamburg 29, Dresden 21, Breslau 26, Munich 37; Vienna 24; Buda-Pesth 40; Rome 21, Naples 26, Turin 23, Venice 19; Alexandria 47; New York 25, Brooklyn 23, Philadelphia 16, and Baltimore 19. Small-pox caused 28 deaths in St. Petersburgh.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·91 in.; the lowest reading was 29·52 in. on Monday, and the highest 30·16 in. on Wednesday. The mean temperature of the *air* was 55°·8, and 1°·9 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was below the average on Tuesday and Wednesday, but in excess on each of the other days of the week; on Wednesday the mean was only 49°·9 and 4°·3 below the average, while on Saturday it was equal to 61°·3, and showed an excess of 8°·1. The lowest night temperature was 38°·5 on Wednesday, and the highest day temperature in the shade 74°·5 on Saturday; the extreme range in the week was, therefore, 36°·0. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 125°·6 on Thursday. The difference between the mean *dew-point* and *air* temperature averaged 5°·9. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 57°·6. The mean degree of *humidity* of the air was 81, complete saturation being represented by 100. The direction of the *wind* was variable, and the horizontal movement of the air averaged 8·2 miles per hour, which was 1·8 below the average in the corresponding week of 16 years. *Rain* fell on two days of the week, to the aggregate amount of 0·13 of an inch. The duration of registered bright sunshine in the week was 41·0 hours, the sun being above the horizon during 80·5 hours; the recorded duration of sunshine was, therefore, equal to 50 per cent. of its possible duration. There was but little ozone in the air.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 327,374 cubic metres, equivalent to about as many tons by weight.

The Registrar General has to acknowledge the courtesy of the London Water Companies who have furnished him with the average daily quantity of Water supplied during the month of September 1878; according to their returns 137,639,505 gallons or 625,359 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 250 gallons (113·6 decalitres), rather more than a *ton* by weight, to each house, and 35·3 gallons (16·0 decalitres) to each person, against 33·7 gallons during September 1877.

Companies.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons (including that for Manufactures and for various purposes other than for domestic consumption) during the Month of	
	September 1877.	September 1878.	September 1877.	September 1878.
Total Supply	537,039	549,726	128,412,301	137,639,505
From Thames	252,518	259,713	64,050,489	69,613,872
From Lea and from other Sources	284,521	290,013	64,361,812	68,025,633
Thames.				
Chelsea	28,741	29,014	8,972,100	8,745,700
West Middlesex	49,821	51,110	10,060,392	10,063,903
Southwark and Vauxhall	79,000	81,575	19,450,000	24,198,933
Grand Junction	37,683	38,462	11,466,797	12,171,836
Lambeth	57,273	59,552	14,101,200	14,433,500
Lea and other Sources.				
New River	125,897	127,267	28,153,000	29,205,000
East London	113,192	117,084	28,600,650	29,895,800
Kent	45,432	45,662	7,608,102	8,924,833

Note.—The Return for September 1878, as compared with that for the corresponding month of 1877, shows an increase of 12,687 houses, and of 9,227,204 gallons of water supplied daily. The Return from the Southwark and Vauxhall Company shows an increase of 2,575 houses, and of 4,748,933 gallons supplied daily, compared with the Return for September 1877.

Analysis of Metropolitan Water Supply during September.

Royal College of Chemistry, South Kensington Museum,
5th October, 1878.

Sir,

I have to report to you in the following Table the results of the chemical analyses of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of September.

I append, also, the results obtained in the analyses of the waters supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the nine years ending December 1876 as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies, and by the Tottenham Local Board, was:—Tottenham 1·2, Colne Valley 1·2, Kent 1·5, New River 2·0, East London 2·9, Chelsea 3·4, Grand Junction 4·1, Southwark 4·3, West Middlesex 5·2, and Lambeth 5·3.

The water abstracted from the Thames by five out of the eight Companies supplying the Inner Circle was again of inferior quality; and that delivered by the Lambeth Company was also turbid, and contained moving organisms. The Chelsea Company's water was of better quality than that distributed by the other Thames Companies. The water of the Lea, delivered by the New River and East London Companies was of much better quality, and had been efficiently filtered.

The water supplied by the Kent and Colne Valley Companies, and by the Tottenham Local Board, was clear and of its usual excellent quality for dietetic purposes.

Seen through a stratum two feet deep, the waters presented the following appearances:—Kent, Colne Valley, and Tottenham, clear and colourless; New River, clear and very pale yellow; East London, West Middlesex, and Chelsea, clear and pale yellow; Southwark and Grand Junction, clear and yellow; Lambeth, turbid and yellow.

Dr. Hill, the Medical Officer of Health for Birmingham, reports that "there is a slight increase in the organic matter over that of last month, due partly to the water being slightly turbid."

Dr. Mills, F.R.S., of Anderson's College, Glasgow, reports that the water supplied to that city from Loch Katrine "was light brown in colour, and contained a large quantity of suspended matter, consisting of muddy particles and flakes."

I am, &c.

The Registrar General, &c, &c. E. Frankland.

Results of Analyses expressed in Parts per 100,000.

Companies or Local Authorities.	Date and Place of Collection.	Temperature in centigrade degrees.	Total Solid Matters.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Nitrates and Nitrites.	Total combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle. Thames:		°								
Chelsea	2nd September, Cab Rank, Horse Guards.	17·0	24·70	·176	·018	·001	·129	·148	1·6	18·3
West Middlesex	3rd September, Cab Rank, Portland-road.	19·0	26·32	·261	·046	0	·132	·178	1·6	18·0
Southwark	2nd September, Cab Rank, St. George's Church, Borough.	17·5	27·30	·224	·033	0	·142	·175	1·6	18·6
Grand Junction	2nd September, Lancaster-gate, Hyde Park.	16·0	27·50	·220	·026	·002	·125	·153	1·6	18·0
Lambeth	2nd September, Cab Rank, Westminster Bridge-road.	17·3	28·00	·304	·024	·001	·164	·188	1·65	18·6
Other Sources:										
New River	2nd September, Cab Rank, Tottenham-court-road.	17·8	28·30	·102	·017	0	·167	·184	1·6	19·0
East London	2nd September, Royal Hotel, Mile-End-rd.	16·3	27·06	·146	·029	0	·148	·177	1·8	17·7
Kent	2nd September, Deptford Bridge Police Station.	12·8	45·68	·076	·017	0	·501	·518	2·6	28·4
Outer Circle. Colne Valley	18th September, Bushey, Herts.	13·4	21·28	·055	·016	0	·277	·293	1·4	6·0
Tottenham Local Board	5th September, High-street, Tottenham.	–	47·80	·062	·012	0	·463	·475	3·4	29·3
Corporation of Birmingham*	11th September, 6 Court, Vauxhall-road.	16·1	26·00	·141	·051	·002	·099	·151	1·7	16·5
Corporation of Glasgow †	16th September, Loch Katrine service.	15·0	3·20	·144	·026	0	·007	·033	0·6	·95
Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

* Analysed by Dr. Alfred Hill, Medical Officer of Health and Analyst to the Borough.
† Analysed by Dr. E. J. Mills, F.R.S., of Anderson's College, Glasgow.

The numbers in columns 4–11 relate to 100,000 parts of the waters. The Table is to be read thus: the Chelsea Company's water, collected on the 2nd September at the Horse Guards cab-rank, had a temperature of 17°·0 C.; 100,000 lbs. of it contained 24·70 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·176 lb. of carbon and ·018 lb. of nitrogen. The above quantity of water also contained ·001 lb. of ammonia, and ·129 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of *combined* nitrogen in every form was ·148 lb. The above weight of water also contained 1·6 lbs. of chlorine; and 18·3 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

Table 1.—Births and Deaths registered, and Meteorology,* in 23 Towns of the United Kingdom, during the Week ending Saturday, 5th October, 1878.

Cities and Boroughs. (*Municipal Boundaries, except for* London *and* Dublin.)	Area in Acres, exclusive of tidal water and foreshore.	Population estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 5th October, 1878. Births.	Deaths.	Temperature of the Air. (Fahrenheit.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Temperature of the Air. (Centigrade.) Weekly Mean of the Daily Mean Values.	Rain-fall. In Inches.	In Centimetres.
In 23 Towns in the United Kingdom	220,307	8,373,953	38·0	5799	3409	74·5	30·0	53·8	12·12	0·68	1·73
London	75,362	3,577,304	47·5	2429	1355	74·5	38·5	55·8	13·23	0·13	0·33
Brighton	2,354	103,923	44·1	59	28	66·2	46·4	56·0	13·33	0·11	0·28
Portsmouth	4,486	129,461	28·9	84	43	–	–	–	–	–	–
Norwich	7,472	84,620	11·3	50	30	68·0	40·0	54·8	12·67	0·77	1·96
Plymouth	1,395	73,599	52·8	43	27	65·0	46·0	56·3	13·50	0·45	1·14
Bristol	4,452	206,419	46·4	136	74	72·1	41·3	55·5	13·06	0·07	0·18
Wolverhampton	3,396	74,240	21·9	61	28	62·5	34·6	52·0	11·11	0·27	0·69
Birmingham	8,400	383,117	45·6	311	180	–	–	–	–	–	–
Leicester	3,200	121,473	38·0	83	39	70·5	37·5	53·6	12·01	0·23	0·58
Nottingham	9,960	165,267	16·6	103	60	68·4	33·4	52·5	11·39	0·78	1·98
Liverpool	5,210	532,681	102·2	385	283	65·6	38·8	53·2	11·78	0·89	2·26
Manchester	4,293	360,514	84·0	216	159	–	–	–	–	–	–
Salford	5,170	170,251	32·9	127	70	71·5	30·0	51·6	10·90	1·26	3·20
Oldham	4,666	107,366	23·0	80	46	–	–	–	–	–	–
Bradford	7,220	185,088	25·6	140	78	62·8	36·0	51·6	10·90	1·18	3·00
Leeds	21,572	304,948	14·1	241	147	66·0	35·0	52·6	11·45	1·24	3·15
Sheffield	19,651	289,537	14·7	243	108	69·0	32·7	53·2	11·78	1·73	4·39
Hull	3,635	143,139	39·4	126	71	72·0	–	–	–	0·81	2·06
Sunderland	2,768	112,459	40·6	83	55	67·0	41·0	56·2	13·44	0·20	0·51
Newcastle-on-Tyne	5,371	144,570	26·9	96	69	–	–	–	–	–	–
Edinburgh	4,191	222,371	53·1	136	74	64·0	33·5	50·9	10·50	1·03	2·62
Glasgow	6,033	566,940	94·0	377	232	64·3	34·5	51·6	10·90	0·79	2·01
Dublin	10,050	314,666	31·3	190	153	69·5	44·3	58·4	14·66	0·37	0·94

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.

† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

Table 2.—Deaths and Rate of Mortality in 20 large English Towns, having an estimated population of 7,269,976 persons, and in Dublin, during the Week ending Saturday, 5th October, 1878.

Boroughs, &c. (*Municipal Boundaries, except for* London *and* Dublin.)	Annual Rate of Mortality per 1000 living. From All Causes.	From Seven Zymotic Diseases.	Deaths from all Causes.	The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
In 20 Towns	21·2	3·7	2950	802	523	4	28	146	27	69	91	148	73	132	388
London	19·8	2·8	1355	380	260	4	19	34	20	40	28	45	30	61	213
Brighton	14·1	0·5	28	11	2	–	–	–	–	1	–	–	1	1	–
Portsmouth	17·3	0·8	43	14	8	–	–	–	–	1	1	–	2	2	5
Norwich	18·5	1·2	30	10	11	–	–	–	–	–	–	2	–	1	4
Plymouth	19·1	2·8	27	6	4	–	–	–	–	–	2	2	2	5	2
Bristol	18·7	2·5	74	21	19	–	1	–	–	1	2	6	1	2	11
Wolverhampton	19·7	4·9	28	4	10	–	–	–	2	3	1	1	–	–	3
Birmingham	24·5	5·3	180	48	28	–	1	22	3	2	1	10	6	12	16
Leicester	16·8	1·7	39	9	9	–	–	1	–	–	2	1	–	2	6
Nottingham	18·9	3·8	60	15	17	–	–	2	–	–	4	6	–	1	5
Liverpool	27·7	6·7	283	88	28	–	3	32	–	2	14	17	11	11	38
Manchester	23·0	3·8	159	30	21	–	1	10	1	4	4	6	7	12	29
Salford	21·5	6·1	70	16	7	–	1	4	1	1	7	6	1	4	2
Oldham	22·4	5·3	46	10	5	–	–	10	–	–	–	1	–	–	2
Bradford	22·0	5·1	78	24	12	–	–	7	–	2	3	6	3	4	2
Leeds	25·2	6·5	147	33	30	–	–	7	–	7	10	14	3	5	9
Sheffield	19·5	4·5	108	32	17	–	1	6	–	2	3	13	2	3	17
Hull	25·9	2·9	71	23	17	–	–	1	–	1	4	2	–	–	11
Sunderland	25·5	7·0	55	13	9	–	1	4	–	1	4	5	1	2	4
Newcastle-on-Tyne	24·9	4·7	69	15	9	–	–	6	–	1	1	5	3	4	9
Dublin	25·4	6·0	153	29	36	7	–	5	1	4	12	7	6	8	52

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the FORTIETH Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	1893	2248	2188	2169	2188	2234	2314	2246	2476	2420	2237·6	2429
Males . .	975	1149	1068	1069	1137	1162	1203	1149	1299	1253	1146·4	1246
Females .	918	1099	1120	1100	1051	1072	1111	1097	1177	1167	1091·2	1183
TOTAL **Deaths**	1229	1367	1279	1283	1276	1386	1242	1397	1200	1308	1296·7	1355
Males . .	649	710	693	651	626	706	623	747	620	667	669·2	740
Females .	580	657	586	632	650	680	619	650	580	641	627·5	615

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868-77 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	July 13.	July 20.	July 27.	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.
TOTAL **Deaths** - - -	1589	1787	1792	1877	1694	1517	1433	1365	1260	1259	1250	1355	1355
0—20 - -	957	1083	1161	1194	1032	856	805	721	648	629	597	654	677
20—40 - -	160	187	186	205	187	176	191	163	174	193	183	214	188
40—60 - -	225	227	204	227	227	205	194	217	207	211	231	257	230
60—80 - -	213	243	209	217	208	233	202	215	189	187	198	191	216
at 80 years & upwds.	34	47	32	34	40	47	41	49	42	39	41	39	44
Deaths of children: Under 1 year -	598	700	758	812	676	534	492	397	354	331	326	336	380
Deaths of children: 1—5 - - -	279	296	302	297	256	227	232	219	213	214	195	228	208
Deaths of children: 5—20 - -	80	87	101	85	100	95	81	105	81	84	76	90	89
Deaths from 7 principal Zymotic Diseases	408	525	622	649	513	397	340	281	252	211	193	192	190
" " Smallpox - -	11	19	11	18	14	9	10	6	3	7	4	2	4
" " Measles - -	16	13	21	19	14	10	10	7	10	6	2	6	19
" " Scarlet Fever -	20	21	27	26	26	27	24	29	30	27	24	30	34
" " Diphtheria -	8	8	7	6	11	11	11	12	10	13	10	13	20
" " Whooping-cough	85	106	101	89	77	60	74	56	54	37	43	53	40
" " Typhus fever -	2	3	1	–	–	1	1	2	2	5	–	1	2
" " Enteric (or Typhoid) fever -	13	15	16	17	28	12	12	20	18	25	25	20	22
" " Simple Cont^d fever	4	1	4	4	4	4	3	1	5	2	5	6	4
" " Diarrhœa - -	249	339	434	470	339	263	195	148	120	89	80	61	45
" " Simple Cholera -	7	10	23	24	12	5	6	6	4	1	1	–	–
" " Dis. of Respiratory Organs -	180	202	151	159	155	139	141	175	158	172	215	213	247
" " Phthisis - -	149	163	169	193	173	158	169	157	145	152	161	182	182
" " Heart Diseases -	79	61	78	71	93	82	72	58	72	74	62	81	83
Violent Deaths - - -	71	46	50	50	57	59	35	59	41	43	56	52	30
Inquest Cases - - -	116	76	86	85	91	104	72	91	64	63	85	100	61
Deaths in Public Institutions	250	276	261	254	257	253	231	262	233	246	241	269	213
TEMPERATURE OF THE AIR:													
Mean - - - -	61°·9	66°·8	65°·2	60°·5	65°·9	62°·2	61°·5	61°·8	61°·2	59°·1	54°·4	52°·2	55°·8
Mean of Highest readings -	71·8	78·9	76·0	71·5	76·3	73·2	70·6	71·5	72·1	71·0	64·0	61·0	66·1
Mean of Lowest readings -	54·0	54·6	58·1	52·6	56·9	54·9	54·4	56·0	52·8	49·8	47·0	44·0	47·6
Mean Temperature of the Water of the Thames -	66·1	66·5	69·5	68·6	66·7	67·1	65·7	64·7	62·8	61·2	61·4	57·7	57·6
Humidity of the Air - -	70	70	81	77	76	79	79	85	82	79	79	85	81
Rain-fall in inches - -	0·02	0·00	0·21	0·25	2·22	1·08	0·71	1·15	0·00	0·02	0·49	0·19	0·13
Registered Sunshine (in hours)	33·3	56·4	37·6	30·7	54·5	41·1	21·5	27·5	31·2	40·1	34·6	9·6	41·0

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTIETH Week of the Year 1878.

CAUSES OF DEATH.	Average in the Fortieth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, October 5, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature -	53·6	55·8							
ALL CAUSES - -	1296·7	1355	380	208	89	188	230	216	44
SPECIFIED CAUSES	1290·9	1354	380	208	89	187	230	216	44
I. ZYMOTIC.									
ORDER 1.									
Small-pox - - -	15·0	4	2	-	1	1	-	-	-
Measles - - -	18·7	19	7	12	-	-	-	-	-
Scarlet Fever - -	89·6	34	1	22	9	2	-	-	-
Diphtheria - -	8·6	20	1	10	8	-	1	-	-
Quinsy - - -	1·1	1	-	-	1	-	-	-	-
Croup - - -	12·1	13	2	11	-	-	-	-	-
Whooping-cough -	28·4	40	18	22	-	-	-	-	-
Typhus - - -	35·2 (Enteric or Typhoid Fev.)	2	-	1	-	1	-	-	-
Enteric or Typhoid Fev.		22	1	2	9	9	1	-	-
Simple continued Fev.		4	-	1	-	1	1	1	-
Erysipelas - -	7·0	6	1	1	-	1	-	3	-
Puerperal Fev. (Metria)	5·3	3	-	-	-	3	-	-	-
Carbuncle - -	1·0	1	-	-	-	-	-	1	-
Influenza - - -	·1	-	-	-	-	-	-	-	-
Dysentery - -	1·5	2	1	-	-	-	-	1	-
Diarrhœa - - -	56·4	45	31	6	-	-	1	4	3
Simple Cholera - -	1·1	-	-	-	-	-	-	-	-
Ague - - - -	·1	-	-	-	-	-	-	-	-
Remittent Fever -	—	-	-	-	-	-	-	-	-
Rheumatism - -	10·3	11	-	1	3	2	4	1	-
Other *Zymotic* Diseases	·7	-	-	-	-	-	-	-	-
ORDER 2.									
Syphilis - - -	9·6	11	11	-	-	-	-	-	-
Stricture of Urethra -	·9	-	-	-	-	-	-	-	-
Hydrophobia - -	·1	-	-	-	-	-	-	-	-
Glanders - - -	—	-	-	-	-	-	-	-	-
ORDER 3.									
Privation - - -	·2	-	-	-	-	-	-	-	-
Want of Breast-milk	10·3	7	6	1	-	-	-	-	-
Purpura and Scurvy -	1·9	3	1	2	-	-	-	-	-
Alcoholism { *a* Del. Tremens	2·2	1	-	-	-	-	1	-	-
Alcoholism { *b* Intemperance	·5	3	-	-	-	1	2	-	-
ORDER 4.									
Thrush - - -	4·5	4	3	-	-	-	-	1	-
Worms, &c. - -	·2	1	-	-	1	-	-	-	-
CONSTITUTIONAL.									
ORDER 1.									
Gout - - - -	1·3	-	-	-	-	-	-	-	-
Dropsy - - -	8·7	9	1	1	-	1	1	5	-
Cancer - - -	38·0	40	-	-	-	2	13	22	3
Cancrum Oris (Noma)	·6	-	-	-	-	-	-	-	-
Mortification - -	2·6	1	-	-	-	-	-	1	-
ORDER 2.									
Scrofula - - -	10·1	16	11	2	2	-	-	1	-
Tabes Mesenterica -	27·2	30	15	13	2	-	-	-	-
Phthisis - - -	148·0	182	2	1	12	93	64	10	-
Hydrocephalus - -	24·6	23	9	10	4	-	-	-	-
III. LOCAL.									
ORDER 1.									
Cephalitis - - -	16·2	19	8	7	1	1	2	-	-
Apoplexy - - -	38·5	44	2	3	3	4	13	17	2
Paralysis - - -	23·6	29	-	-	-	2	7	19	1
Insanity - - -	2·1	1	-	-	-	-	1	-	-
Chorea - - -	·1	-	-	-	-	-	-	-	-
Epilepsy - - -	7·2	4	-	-	1	-	2	1	-
Convulsions - -	43·5	47	37	10	-	-	-	-	-
Brain Disease, &c. -	17·5	17	2	2	-	1	4	4	4
ORDER 2.									
Pericarditis - -	3·2	3	-	-	1	1	-	1	-
Aneurism - - -	2·7	2	-	-	-	-	1	1	-
Heart Disease, &c. -	65·7	78	1	2	6	15	32	21	1
ORDER 3.									
Laryngitis - - -	5·4	5	-	1	1	1	2	-	-
Bronchitis - - -	101·8	155	58	26	5	7	22	30	7
Pleurisy - - -	3·5	6	-	1	-	3	2	-	-
Pneumonia - -	63·6	61	23	19	3	7	6	3	-
Asthma - - -	6·8	7	-	-	-	1	1	4	1
Lung Disease, &c. -	12·9	13	5	-	2	1	3	1	1

CAUSES OF DEATH.	Average in the Fortieth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, October 5, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature -	53·6	55·8							
ORDER 4.									
1. Gastritis - - -	1·8	3	-	1	-	-	2	-	-
2. Enteritis - - -	7·6	8	5	-	1	-	-	2	-
3. Peritonitis - - -	6·9	3	-	-	1	-	2	-	-
4. Ascites - - -	1·9	-	-	-	-	-	-	-	-
5. Ulceration of Intestines	3·2	4	-	-	1	-	1	2	-
6. Hernia - - -	3·5	1	-	-	-	-	1	-	-
7. Ileus - - - -	3·3	4	-	-	2	-	1	1	-
8. Intussusception -	·6	1	-	-	-	-	1	-	-
9. Stricture of Intestines	1·2	3	-	-	-	1	1	1	-
10. Fistula - - -	·4	-	-	-	-	-	-	-	-
11. *Stomach Disease, &c.* -	6·2	8	2	-	-	-	1	5	-
12. *Pancreas Disease, &c.*	—	-	-	-	-	-	-	-	-
13. Hepatitis - - -	3·6	4	1	-	-	1	2	-	-
14. Jaundice - - -	4·5	4	2	-	1	-	-	1	-
15. *Liver Disease, &c.* -	19·4	24	-	-	-	7	8	9	-
16. *Spleen Disease, &c.* -	·2	-	-	-	-	-	-	-	-
ORDER 5.									
1. Nephritis - - -	3·5	4	-	-	-	2	2	-	-
2. Ischuria - - -	·1	-	-	-	-	-	-	-	-
3. Bright's Dis. (Nephria)	12·8	15	-	-	1	2	5	7	-
4. Diabetes - - -	2·4	4	-	-	-	-	2	1	1
5. Calculus (Stone) -	·7	-	-	-	-	-	-	-	-
6. Cystitis - - -	1·0	1	-	-	-	-	1	-	-
7. *Kidney Disease, &c.* -	7·2	3	-	-	-	-	-	2	1
ORDER 6.									
1. Ovarian Dropsy -	·8	1	-	-	-	-	1	-	-
2. *Uterus Disease, &c.* -	3·1	3	-	-	-	1	-	2	-
ORDER 7.									
1. Synovitis (Arthritis)	·3	-	-	-	-	-	-	-	-
2. *Joint Disease, &c.* -	4·6	7	-	-	5	1	-	1	-
ORDER 8.									
1. Phlegmon - - -	2·9	3	1	1	-	1	-	-	-
2. Ulcer - - - -	1·3	1	-	-	-	-	1	-	-
3. *Skin Disease, &c.* -	1·2	6	3	1	-	1	1	-	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth -	23·3	28	28	-	-	-	-	-	-
2. Cyanosis - - -	1·6	1	1	-	-	-	-	-	-
3. Spina Bifida - -	1·0	-	-	-	-	-	-	-	-
4. Other Malformations	1·1	2	2	-	-	-	-	-	-
5. Teething - - -	9·8	6	2	4	-	-	-	-	-
ORDER 2.									
1. Paramenia - - -	·3	-	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever) - -	4·7	5	-	-	-	4	1	-	-
ORDER 3.									
1. Old Age - - -	34·0	41	-	-	-	-	-	22	19
ORDER 4.									
1. Atrophy and Debility	65·6	77	63	7	-	1	1	5	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	17·9	9	1	1	1	1	4	1	-
2. Wounds { Gunshot	·9	-	-	-	-	-	-	-	-
2. Wounds { Cut, Stab		2	-	-	-	1	1	-	-
3. Burns and Scalds -	4·3	2	-	2	-	-	-	-	-
4. Poison - - -	·8	-	-	-	-	-	-	-	-
5. Drowning - - -	5·6	3	-	-	-	1	1	1	-
6. Suffocation - -	6·8	10	9	-	1	-	-	-	-
7. Otherwise - - -	8·0	2	-	1	-	-	1	-	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	1·5	-	-	-	-	-	-	-	-
ORDER 4. SUICIDE.									
1 Wounds { Gunshot -	·1	-	-	-	-	-	-	-	-
1 Wounds { Cut, Stab -	·8	1	-	-	-	1	-	-	-
2. Poison - - -	1·2	-	-	-	-	-	-	-	-
3. Drowning - - -	·7	-	-	-	-	-	-	-	-
4. Hanging - - -	1·4	-	-	-	-	-	-	-	-
5. Otherwise - - -	·3	1	-	-	-	-	1	-	-
ORDER 5. (EXECUTION.)									
1. Hanging - - -	—	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - -	·3	-	-	-	-	-	-	-	-
Causes not specified or ill-defined - - -	5·5	1	-	-	-	1	-	-	-

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARI during the Week end

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,254,260	2429	1355	380	260	4	19	34	20	40	2	22	4	45	30	61
WEST DISTRICTS	561,359	365	224	46	52	-	6	2	4	10	-	-	2	6	6	8
NORTH DISTRICTS	751,729	524	298	81	60	-	8	6	6	12	-	3	1	3	6	15
CENTRAL DISTRICTS	334,369	170	111	29	17	-	1	3	-	5	-	5	-	6	5	9
EAST DISTRICTS	639,111	543	297	92	57	-	-	11	3	8	1	8	1	11	5	19
SOUTH DISTRICTS	967,692	827	425	132	74	4	4	12	7	5	1	6	-	19	8	10
WEST DISTRICTS.																
St. Mary Paddington *WH* G.J. & W.M.	58728	46	16	3	7	-	1	-	-	-	-	-	-	-	-	-
St. John Paddington *H* - - G.J.	38085	8	8	1	2	-	-	-	-	1	-	-	-	-	-	-
Kensington Town *W* - - - W.M.	91645	55	43	10	10	-	4	1	1	3	-	-	1	2	1	2
Brompton *H* - - - W.M. & C.	28654	14	12	2	-	-	-	-	-	-	-	-	-	1	-	-
St. Peter Hammersmith - - W.M.	6662	2	3	-	2	-	-	-	-	1	-	-	-	-	-	-
St. Paul Hammersmith *H* W.M & G.J.	36029	39	25	4	2	-	-	-	1	1	-	-	1	-	2	3
Fulham *WwH* - - - W.M. & C.	23350	27	7	3	4	-	-	-	-	-	-	-	-	1	-	-
Chelsea South *HHH* - - - C.	26420	21	7	3	1	-	-	-	-	1	-	-	-	-	1	1
Chelsea North-west *WHHHH* - C.	22926	11	14	1	3	-	-	-	-	2	-	-	-	-	-	-
Chelsea North-east - - - C.	21392	29	8	2	-	-	1	-	-	-	-	-	-	-	-	-
Hanover Square *H* - - - G.J.	18698	8	7	3	2	-	-	-	-	1	-	-	-	-	-	-
May Fair *WW* - - - - G.J.	13358	8	7	1	5	-	-	-	-	-	-	-	-	-	-	-
Belgrave *HH* - - - - C.	57972	27	24	1	6	-	-	-	-	-	-	-	-	-	2	2
St. John Westminster *HH* - - C.	38478	20	13	4	3	-	-	-	1	-	-	-	-	-	-	-
St. Margaret Westminster *WH* - C.	27781	13	7	1	1	-	-	1	-	-	-	-	-	-	-	-
Golden Square *WH* - - - G.J.	12860	9	5	2	2	-	-	-	-	-	-	-	-	-	-	-
Berwick-street *H* - N.R. & G.J.	20759	12	10	4	2	-	-	-	-	-	-	-	-	1	-	-
St. Anne Soho *HHHHH* - - N.R.	17562	16	8	1	-	-	-	-	1	-	-	-	-	1	-	-
NORTH DISTRICTS.																
All Souls Marylebone *HHHH* - W.M.	28579	13	8	3	1	-	1	-	-	1	-	-	-	-	-	-
Cavendish Square *HH* - - - W.M.	15425	5	6	1	3	-	-	-	-	1	-	-	-	-	-	-
Rectory Marylebone *WH* G.J. & W.M.	26384	15	19	2	6	-	2	-	-	1	-	-	-	-	-	1
St. Mary Maryleb. *HHH* G.J. & W.M.	21786	24	5	1	-	-	-	-	-	-	-	-	-	-	1	2
Christchurch Marylebone *H* - W.M.	33944	18	15	7	3	-	-	-	-	-	-	-	1	-	1	3
St. John Marylebone *H* - - W.M.	33186	16	8	1	3	-	-	-	-	-	-	-	-	-	-	-
Hampstead *WwHH* - N.R. & W.M.	32281	11	12	2	3	-	-	-	1	-	-	1	-	-	-	-
Regent's Park Pancras - - - W.M.	38200	19	15	5	4	-	2	-	-	1	-	-	-	-	1	1
Tottenham-court *wHHH* N.R.&W.M.	29370	9	20	6	1	-	-	-	1	-	-	-	-	1	1	1
Gray's Inn Lane *HHH* - - N.R.	29221	18	12	3	3	-	-	-	-	-	-	-	-	-	-	-
Somers Town - - - - N.R.	38533	25	13	5	1	-	-	-	1	1	-	1	-	-	-	-
Camden Town *WH* - - - N.R.	17943	18	11	2	6	-	-	-	-	-	-	-	-	-	1	2
Kentish Town *w* - - - - N.R.	68198	56	24	4	3	-	-	-	-	2	-	-	-	-	-	1
Islington West *HHH* - - N.R.	97820	83	28	12	6	-	-	1	-	1	-	-	-	-	-	1
Islington East *WwwH* - - - N.R.	115958	92	48	9	8	-	3	-	3	2	-	-	-	1	1	2
Stoke Newington *H* - - - N.R.	9841	10	3	-	1	-	-	1	-	-	-	-	-	-	-	-
Stamford Hill - - - - E.L.	6598	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney - - - - N.R.	28069	33	20	5	4	-	-	2	-	1	-	-	-	-	-	-
Hackney *WwwHL* - - E.L.&N.R.	50104	37	16	6	3	-	-	1	-	-	-	-	-	-	-	-
South Hackney - - - - E.L.	30339	20	13	5	1	-	-	1	-	1	-	1	-	1	-	1
CENTRAL DISTRICTS.																
St. George Bloomsbury - - N.R.	17853	14	6	4	1	-	-	-	-	-	-	-	-	-	-	-
St. Giles South *WH* - - - N.R.	19109	9	7	3	-	-	-	-	-	1	-	-	-	-	-	-
St. Giles North - - - - N.R.	16594	1	6	2	-	-	-	-	-	1	-	-	-	1	-	1
St. Martins-in-the-Fields* - N.R. & C.	21238	5	5	1	1	-	-	-	-	-	-	-	-	1	-	2
St. Mary-le-Strand - - - N.R.	9378	6	3	2	1	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes *H* - - - N.R.	10723	2	4	1	1	-	-	-	-	-	-	1	-	-	-	-
St. George-the-Martyr *HHHHH* N.R.	20521	6	5	2	-	-	-	-	-	1	-	-	-	-	-	-
St. Andrew Eastern *W* - - N.R.	13529	5	7	4	1	-	-	-	-	2	-	-	-	-	-	1
Saffron Hill *H* - - - - N.R.	9066	3	5	-	1	-	-	1	-	-	-	1	-	-	-	-
St. James Clerkenwell *W* - - N.R.	18917	26	10	4	1	-	-	-	-	-	-	1	-	1	-	1
Amwell Clerkenwell - - - N.R.	16884	19	6	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentonville - - - - - N.R.	13337	2	2	-	1	-	-	-	-	-	-	-	-	-	-	-
Goswell-street - - - - N.R.	16242	12	4	1	-	-	-	1	-	-	-	-	-	-	-	-
Old-street *H* - - - - N.R.	12161	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
City-road *HHL* - - - - N.R.	18301	12	6	-	1	-	-	1	-	-	-	-	-	-	-	-
Whitecross-street - - - - N.R.	13792	8	3	-	1	-	-	-	-	-	-	-	-	1	-	-
Finsbury - - - - - N.R.	10741	5	2	-	1	-	-	-	-	-	-	-	-	1	-	-
St. Botolph *H* - - - N.R.&E.L.	14540	8	4	-	2	-	-	-	-	-	-	-	-	-	1	-
Cripplegate - - - - - N.R.	13638	6	4	2	-	-	1	-	-	-	-	-	-	1	-	-
St. Sepulchre *H* - - - - N.R.	7562	2	12	2	1	-	-	-	-	-	-	2	-	-	4	4
St. Bride *W* - - - - - N.R.	11185	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard - - - - N.R.	4426	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch - - - - N.R.	6270	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe - - - - - N.R.	4753	1	3	-	1	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking - - - N.R.	5764	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street *H* - - - - N.R.	7845	3	3	-	2	-	-	-	-	-	-	-	-	-	-	-

* On 1st August the sub-districts of Long Acre and Charing Cross were united for registration purposes under the name of St. Martins-in-t Fields sub-district.

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Wo house; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it sta see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. sig Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East Lon and K. the Kent Company.

:VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
turday, 5th October 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age.	Deaths of Persons aged 60 Years & upwds.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
Holywell Shoreditch - N.R. & E.L.	12430	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch *HL*† - N.R.	16545	7	7	2	-	-	-	-	-	-	-	-	-	1	-	1	-
Hoxton New Town *w* - - N.R.	27835	18	15	5	5	-	-	-	-	-	-	-	-	1	1	1	5
Hoxton Old Town - - N.R.	26933	20	11	1	1	-	-	3	-	1	-	1	-	-	-	2	-
Haggerston *WH* - - N.R. & E.L.	43421	49	27	5	8	-	-	5	-	2	-	2	-	-	1	2	9
Hackney-road *H* - - - - E.L.	29822	22	14	4	1	-	-	1	-	-	-	1	-	-	-	-	-
Green, Bethnal Green *WHL*† - E.L.	42433	40	21	5	4	-	-	1	-	-	-	1	-	-	-	-	8
Church, Bethnal Green - - E.L.	26577	22	7	2	1	-	-	-	-	-	-	1	-	-	-	-	-
Town, Bethnal Green - - - E.L.	21272	19	6	2	1	-	-	-	-	-	-	-	-	1	-	-	-
Spitalfields *H* - - E.L. & N.R.	22499	13	9	1	4	-	-	-	-	-	-	-	-	1	-	1	-
Mile End New Town *W* - E.L.	15550	10	10	2	3	-	-	-	-	-	-	-	-	-	-	1	9
Whitechapel North - E.L. & N.R.	11597	13	7	4	1	-	-	-	-	-	-	-	-	-	-	-	-
Whitechapel Church *H* - - E.L.	7322	6	5	-	2	-	-	-	-	-	-	-	-	-	-	-	5
Goodman's Fields - - - - E.L.	10381	5	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Aldgate - - - - N.R. & E.L.	9224	5	3	-	1	-	-	-	-	-	-	-	-	-	-	1	-
St. Mary St. George East - - E.L.	17900	12	12	6	3	-		-	-	-	-	-	-	1	-	1	-
St. Paul St. George East - - E.L.	21350	18	8	3	2	-	-	-	-	-	-	-	1	2	-	-	-
St. John St. George East *W* - E.L.	8802	17	6	2	1	-	-	-	-	-	-	-	-	-	-	-	4
Shadwell *H* - - - E.L. & N.R.	11640	4	9	2	-	-	-	-	3	-	1	-	-	1	-	-	4
Ratcliff - - - - - - E.L.	16131	13	5	4	-	-	-	-	-	-	-	-	-	-	1	1	-
Limehouse - - - - - - E.L.	29919	24	14	6	-	-	-	-	-	1	-	1	-	-	-	1	-
Mile End Old Town West - - E.L.	38128	28	14	6	1	-	-	1	-	-	-	-	-	1	-	-	-
Mile End Old Town East *WwwH* - E.L.	55024	45	21	6	8	-	-	-	-	-	-	-	-	-	-	-	2
Bow *wwwH* - - - - - E.L.	67765	83	39	12	7	-	-	-	-	-	-	1	-	1	-	2	9
Poplar *WW* - - - - - E.L.	48611	45	22	8	3	-	-	-	-	4	-	-	-	1	2	5	-
SOUTH DISTRICTS.																	
Christchurch Southwark *WH* L. & S.	14573	12	6	4	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Saviour Southwark *H* - - S.	15677	12	11	5	2	-	-	-	-	-	-	-	-	1	2	2	-
Kent-road - - - S. & L.	20421	14	11	5	1	-	-	-	-	-	-	1	-	2	-	-	-
Borough-road *WH* - - S. & L.	16695	18	11	4	-	-	-	1	-	-	-	-	-	-	1	1	1
London-road *HL* - - L. & S.	18961	15	8	4	-	-	1	-	-	-	-	-	-	-	-	-	-
Trinity Newington - - S. & L.	23682	22	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Peter Walworth *W* - S. & L.	48248	34	19	5	6	-	-	-	-	-	-	1	-	1	-	-	6
St. Mary Newington - - L. & S.	16792	12	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Olave Southwark *H* - - S.	4373	1	9	-	1	-	-	-	-	-	-	-	-	-	-	-	8
St. John Horsleydown *W* - - S.	10500	12	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Leather Market - - S. & L.	16787	14	5	4	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary Magdalen *W* - - S.	15709	9	10	2	3	-	-	-	-	-	-	-	-	-	1	2	-
St. James Bermondsey - - S.	47933	29	15	1	-	-	-	-	-	-	-	-	-	-	1	1	-
Rotherhithe *W* - - - S. & K.	27096	24	13	4	2	-	-	-	-	2	-	-	-	1	-	-	1
Waterloo-road 1st *H* - - L. & S.	14074	9	5	2	-	-	1	-	-	-	-	-	-	-	-	1	1
Waterloo-road 2nd *H* - - L. & S.	18465	11	4	2	-	-	-	-	1	-	-	-	-	-	-	-	-
Lambeth Church 1st *H* - L. & S.	19492	19	9	1	-	-	1	-	-	-	-	-	-	-	-	-	3
Lambeth Church 2nd *WW* - L. & S.	35833	33	21	4	7	-	1	-	-	-	-	-	-	3	1	1	11
Kennington 1st - - - S. & L.	41286	30	11	2	1	-	-	3	-	-	-	-	-	1	-	-	-
Kennington 2nd - - - S. & L.	31221	18	12	5	2	-	-	-	-	-	-	-	-	1	-	-	-
Brixton *w* - - - - L. & S.	35435	39	19	4	7	-	-	1	-	-	-	-	-	1	-	-	-
Norwood *W* - - - - L.	12536	13	4	2	-	-	-	-	-	-	-	-	-	1	-	-	-
Clapham *H* - - - - - S.	27347	21	5	1	2	-	-	1	-	-	-	-	-	-	-	-	-
Battersea *Ww* - - - - S.	54016	74	25	10	7	-	-	-	-	-	-	1	-	-	1	1	4
Wandsworth *HL* - - - S.	19783	20	10	3	2	-	-	-	1	-	-	-	-	-	-	-	-
Putney - - - - - - S.	9439	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streatham - - - - - L.	14475	13	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Dulwich - - - - L. & S.	4041	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Camberwell *WL*†*L*† - - S. & L.	31254	27	21	4	5	-	-	3	1	-	-	1	-	1	-	-	6
Peckham *W* - - - S., L., & K.	42160	52	30	11	4	-	-	1	1	1	1	-	-	-	-	-	-
St. George Camberwell - - L. & S.	33851	32	11	2	1	-	-	-	2	-	-	-	-	3	-	-	-
St. Paul Deptford *w* - - - K.	53714	71	31	14	5	4	-	-	-	1	-	1	-	1	-	-	4
St. Nicholas Deptford - - - K.	6474	4	7	2	2	-	-	-	-	-	-	1	-	-	-	-	-
Greenwich West - - - - K.	21034	9	8	2	2	-	-	-	-	-	-	-	-	1	1	1	-
Greenwich East *WH* - - - K.	19378	15	8	1	3	-	-	-	-	-	-	-	-	-	-	-	4
Eltham *H* - - - - - K.	4539	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lee - - - - - - K.	16440	3	8	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Lewisham Village *WH* - - K.	11513	10	7	-	3	-	-	1	-	1	-	-	-	-	-	-	2
Sydenham *H* - - - - L.	19065	23	6	3	-	-	-	-	1	-	-	-	-	1	-	-	-
Charlton *H* - - - - - K.	9564	5	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Woolwich Dockyard - - - K.	17226	9	6	1	2	-	-	1	-	-	-	-	-	-	-	-	-
Woolwich Arsenal *WHH* - - K.	18331	15	11	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Plumstead, West - - - - K.	13027	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plumstead, East *W* - - - K.	15232	9	9	6	-	-	-	-	-	-	-	-	-	-	-	-	-

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the bove Table by *w*:—

Central London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary " " "
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 5th October 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
	LONDON—OUTER RING	368,414	631,381	567	245	51	75	–	2	3	6	7	5	6	6	7
29 : 1	Carshalton *wL* - - -	12228	13523	9	9	–	4	–	–	–	–	1	–	–	–	–
2	Epsom (*part of*) * *WH* -	9971	9145	8	1	–	1	–	–	–	–	–	–	–		–
36 : 1	Godstone (*part of*) * - -	2754	900	–	–	–	–	–	–	–	–	–	–	–	–	–
37 : 1	Croydon *WWH* - - -	20851	71319	56	29	8	9	–	–	–	1	–	1	1	–	–
2	Mitcham *WH* - - -	11697	12534	6	1	–	–	–	–	–	–	–	–	–	–	–
38 : 1	Wimbledon *HH* - -	3220	9087	6	1	–	1	–	–	–	–	–	–	–	–	–
2	Kingston *WH* - - -	8549	27489	33	12	3	3	–	–	–	–	–	–	1	1	1
3	Esher (*part of*) * - -	6601	7353	6	3	1	2	–	–	–	–	–	–	–	–	
4	Hampton - - - -	4573	10185	6	5	2	2	–	–	–	–	–	–	–	–	1
39 : 1	Richmond *WH* - - -	2271	16829	21	6	–	3	–	1	–	1	–	–	–	–	–
2	Mortlake - - - -	2961	9316	10	2	–	1	–	–	–	–	–	–	–	–	–
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	17	4	1	–	–	–	–	–	–	–	1	–	–
2	Chislehurst (*part of*)* *W* -	13665	10028	8	6	1	1	–	–	–	–	–	–	–	1	1
41 : 1	Bexley *H* - - - -	13439	19566	16	3	–	2	–	–	–	–	–	–	–	–	–
123 : 1	Sunbury *W* - - -	11055	9860	3	4	1	–	–	–	–	–	1	–	1	1	1
2	Staines *W* - - - -	13277	10339	9	4	–	4	–	–	–	–	–	–	–	–	–
124 : 1	Hillingdon *WH* - - -	6029	9712	6	1	–	1	–	–	–	–	–	–	–	–	–
2	Uxbridge - - - -	6178	5329	3	–	–	–	–	–	–	–	–	–	–	–	–
3	Hayes *WL* - - - -	14587	10497	4	1	–	1	–	–	–	–	–	–	–	–	–
125 : 1	Isleworth *W* - - -	7008	19930	12	10	1	5	–	1	–	–	–	–	–	–	–
2	Twickenham - - -	2477	10533	9	5	1	1	–	–	–	–	–	1	–	–	–
3	Brentford *HL* - - -	4370	20279	19	10	2	3	–	–	1	–	–	1	–	1	–
4	Chiswick - - - -	1311	8508	7	5	2	1	–	–	–	–	–	–	1	–	–
5	Acton *WH* - - - -	6087	12683	14	6	–	3	–	–	–	–	–	–	–	–	–
126 : 1	Harrow *H* - - - -	13809	10869	7	1	–	1	–	–	–	–	–	–	–	–	–
2	Edgware *H* - - -	6994	3450	3	1	–	–	–	–	–	–	–	–	–	–	–
3	Willesden - - - -	4383	15869	14	2	–	–	–	–	–	–	–	–	–	–	–
4	Hendon *WH* - - -	8382	6972	7	–	–	–	–	–	–	–	–	–	–	–	–
127 : 1	South Mimms - - -	15419	5924	3	–	–	–	–	–	–	–	–	–	–	–	–
2	Barnet *W* - - - -	5423	7752	7	3	2	–	–	–	–	–	–	–	–	1	1
3	Finchley *L* - - - -	4688	11493	10	10	–	3	–	–	–	–	1	–	–	–	–
128 : 1	Hornsey *H* - - - -	3039	19357	20	8	1	1	–	–	1	1	–	–	–	–	–
2	Tottenham *H* - - -	4642	22869	18	9	1	4	–	–	–	1	–	2	–	–	–
3	Edmonton *WW* - - -	7483	13860	12	14	1	6	–	–	–	–	–	–	–	–	–
4	Enfield *WH* - - -	12653	16054	11	5	2	–	–	–	–	1	–	–	–	–	–
5	Waltham Abbey - - -	11017	5197	5	1	–	1	–	–	–	–	–	–	–	–	–
6	Cheshunt - - - -	8493	7518	4	2	–	2	–	–	–	–	–	–	–	–	–
134 : 1	Hatfield (*part of*) * - -	3180	559	1	–	–	–	–	–	–	–	–	–	–	–	–
136 : 1	Bushey - - - -	9028	6472	5	3	1	–	–	–	–	–	–	–	–	–	–
185 : 1	Stratford - - - -	882	23286	27	14	2	2	–	–	–	–	–	–	–	1	1
2	West Ham *WWWW* - -	7345	44642	70	24	15	2	–	–	–	–	4	–	–	–	1
3	Leyton *WW* - - -	4274	15513	14	5	1	1	–	–	–	–	–	–	–	–	–
4	Walthamstow *H* - -	6619	15701	18	10	1	3	–	–	–	1	–	–	–	–	–
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	2	2	–	1	–	–	–	–	–	–	–	–	–
188 : 1	Romford (*part of*) * - -	6730	2879	1	2	1	–	–	–	–	–	–	–	1	–	–
2	Ilford - - - - -	8492	5947	11	1	–	–	–	–	1	–	–	–	–	–	–
3	Barking Town - - -	4128	6576	9	–	–	–	–	–	–	–	–	–	–	–	–

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Godst sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 96 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoydon-I (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 5th October, 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	
GREATER LONDON	446,494	4,450,015	18·8	2·6	1600	431	335	4	21	37	26	47	33	51	36	244
INNER LONDON -	78,080	3,577,304	19·8	2·8	1355	380	260	4	19	34	20	40	28	45	30	213
OUTER RING -	368,414	872,711	14·7	1·7	245	51	75	–	2	3	6	7	5	6	6	31

NOTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 697·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,758,933 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	August 24	–	214	25·9	Small-pox 4; fevers 84.
BOMBAY - -	644,405	September 3	–	561	35·7	Remittent fever 159.
MADRAS - -	397,552	August 16	311	353	46·1	Fevers 66.
PARIS - -	1,988,806	October 3	–	862	22·5	Typhoid fever 30.
GENEVA - -	68,792	September 28	30	23	17·4	—
BRUSSELS - -	175,782	" 21	137	89	26·4	—
AMSTERDAM -	302,266	" 21	192	103	17·7	Typhus and typhoid fever 2.
ROTTERDAM -	142,585	" 21	120	68	24·7	Scarlet fever 3.
THE HAGUE -	107,896	" 21	86	54	26·0	Measles 2.
COPENHAGEN -	220,000	October 1	162	87	20·6	Diphtheria 2.
STOCKHOLM -	152,825	September 21	–	62	21·1	Typhoid fever 3.
CHRISTIANIA -	105,000	" 28	100	31	15·1	Scarlet fever 2.
ST. PETERSBURGH	669,741	" 21	–	450	34·9	Small-pox 28; scarlet fever 13.
BERLIN - -	1,019,620	" 14	865	603	30·4	Scarlet fever 19; diphtheria 18.
HAMBURG (State)	406,104	" 21	321	225	28·9	Whooping-cough 5.
DRESDEN - -	207,845	" 21	123	84	20·8	—
BRESLAU - -	267,000	" 28	196	134	26·1	Diarrhœal diseases 24.
MUNICH - -	222,000	" 28	178	159	37·0	Diarrhœal diseases 35.
VIENNA - -	727,271	" 28	540	341	24·4	Diphtheria 19.
BUDA-PESTH -	319,530	" 21	232	247	40·2	Scarlet fever 6; diphtheria 5.
ROME - -	282,214	August 24	148	115	21·3	Typhus and typhoid fever 3.
NAPLES - -	457,407	" 26	–	226	25·8	Typhus 9; small-pox 4.
TURIN - -	227,843	September 21	155	99	22·7	Typhoid fever and typhus 5.
VENICE - -	139,796	" 28	52	50	18·7	—
ALEXANDRIA -	212,084	" 19	159	193	47·5	Whooping-cough 6.
NEW YORK -	1,084,528	" 7	–	530	25·4	Diarrhœal diseases 109.
BROOKLYN -	549,438	" 7	–	240	22·7	Diphtheria 12; whooping-cough 10.
PHILADELPHIA -	876,118	" 14	–	270	16·1	Typhoid fever 10; scarlet fever 8.
BALTIMORE -	355,000	" 14	–	131	19·3	Diphtheria 7; typhoid fever 4.

Table 10.—METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 5th October, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Difference. Between Dew Point Temperature and Air Temperature. Greatest.	Difference. Between Dew Point Temperature and Air Temperature. Least.	Difference. Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. Osler's. General Direction. P.M.	Wind. Osler's. Pressure on square foot. Greatest.	Wind. Osler's. Pressure on square foot. Least.	Wind. Osler's. Pressure on square foot. Mean of 24 Obs.	Wind. Robinson's. Amount of Horizontal Movement of Air each day.	Wind. Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
Sept.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
Sun.	29	..	29·836	66·6	50·7	15·9	56·2	54·9	109·5	44·8	58·5	56·1	1·3	9·5	0·0	+ 1·8	95	WSW.	WSW. SE. & SSE.	0·0	0·0	0·0	136	−113	0·00	0·5
Mon.	30	..	29·576	64·2	51·7	12·5	56·7	48·1	115·0	47·8	58·8	56·3	8·6	14·6	1·0	+ 2·4	73	SSE. SW. & W.	W.	8·0	0·0	1·0	515	+268	0·12	4·5
October.																											
Tues.	1	Greatest Dec. S.	29·902	61·1	48·4	12·7	52·8	49·6	106·3	44·0	59·3	56·5	3·2	12·0	0·0	− 1·6	89	NW. & NE.	SE. & NE.	0·7	0·0	0·0	123	−119	0·01	0·0
Wed.	2	..	30·140	62·1	38·5	23·6	49·9	45·7	119·5	33·9	58·3	56·3	4·2	12·8	0·0	− 4·3	85	NE.	SE. & SSE.	0·0	0·0	0·0	147	− 91	0·00	3·5
Thurs.	3	First Quarter	30·033	68·0	49·7	18·3	57·4	50·9	125·6	46·2	58·5	56·3	6·5	16·0	1·5	+ 3·5	79	S. SSW. & WSW.	WSW. & SW.	0·0	0·0	0·0	185	− 51	0·00	3·5
Fri.	4	..	29·984	65·9	46·7	19·2	56·6	47·5	114·7	43·1	58·5	56·3	9·1	18·2	0·0	+ 3·1	72	S.SSE.& SSW.	SSW. & S.	0·0	0·0	0·0	153	− 80	0·00	8·0
Sat.	5	..	29·919	74·5	47·7	26·8	61·3	52·6	123·1	40·4	58·9	56·7	8·7	16·5	0·0	+ 8·1	73	SSE. & SSW.	SSW. SSE. & ESE.	0·0	0·0	0·0	119	−112	0·00	0·0
Means		..	29·913	66·1	47·6	18·4	55·8	49·9	116·2	42·9	58·7	56·4	5·9	14·2	0·4	+ 1·9	81	Variable.		..	..	..	Sum 1378	Sum −298	Sum 0·13	2·9
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

Date. September.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	Sky and Atmosphere.
Sunday	29	The Electrometer (Thomson's Self-Recording) was not in action till Oct. 3.	5·0	11·7	Dense fog prevailed in morning; very fine during remainder of day, and the amount of cloud was small.
Monday	30		7·0	11·6	Rain fell in the early morning hours; fine and partially cloudy till afternoon; generally overcast afterwards.
October. Tuesday	1		2·5	11·6	Fine in morning; generally overcast after noon; showery at night.
Wednesday	2		4·2	11·5	Fog prevailed in morning; fine and partially cloudy during day.
Thursday	3		7·6	11·4	Fine; partially cloudy. Upper part of a solar halo seen at 5h. P.M.
Friday	4	Weak positive shown from 5h. A.M. till 6h. P.M.	6·7	11·4	Fine; partially cloudy.
Saturday	5	Very weak positive.	8·0	11·3	Very foggy in early morning; very fine and hot during day, and the amount of cloud varied.
..		..	Sum 41·0	Sum 80·5	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eve-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page 217.*

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and − "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Sir E. Y. W. Henderson, R.E., K.C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29·90 in. at the beginning of the week to 29·52 in. by 9h. A.M.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
October 14th, 1878.

United Kingdom.

During last week 5730 *births* and 3467 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality from all causes was at the average rate of 22 deaths annually in every 1000 persons living. The annual death-rate was 16 per 1000 in Edinburgh, 21 in Glasgow, and 26 in Dublin; small-pox caused 5 deaths in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Bristol 15, Leicester 16, Bradford 18, Nottingham 18, Hull 20, Norwich 20, Brighton 20, Wolverhampton 20, London 21, Sheffield 21, Leeds 22, Manchester 22, Portsmouth 23, Sunderland 24, Oldham 25, Liverpool 26, Salford 26, Newcastle-upon-Tyne 26, Plymouth 27, and the highest rate during the week 28 in Birmingham. The annual death-rate from the seven principal zymotic diseases averaged 3·6 per 1000 in the twenty towns, and ranged from 0·6 and 1·0 in Norwich and Bristol, to 7·0 and 8·3 in Liverpool and Birmingham. Scarlet fever showed the greatest fatality in Birmingham, Liverpool, Newcastle-upon-Tyne, and Leeds; the deaths referred to fever (principally enteric or typhoid) were proportionally most numerous in Portsmouth, Salford, Nottingham, and Sunderland. Small-pox caused 5 deaths in London and one in Birmingham.

London.

In London 2358 births and 1418 deaths were registered. Allowing for increase of population, the births were 49, and the deaths one, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which had been equal to 19·8 per 1000 in each of the two preceding weeks, rose to 20·7 last week.

The 1418 deaths included 5 from small-pox, 13 from measles, 33 from scarlet fever, 17 from diphtheria, 52 from whooping-cough, 34 from different forms of fever, and 37 from diarrhœa; thus to the seven principal diseases of the zymotic class 191 deaths were referred, against numbers declining steadily from 649 to 190 in the ten preceding weeks. These 191 deaths were 81 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 2·8 per 1000. The 52 fatal cases of whooping-cough exceeded those in the previous week by 12, and were 25 above the corrected average; 6 occurred in Hackney, 5 in Bow and Poplar, and 5 in Deptford. The 33 deaths from scarlet fever (69 below the corrected average), of which 15 occurred in South London, included 4 in Pancras, 5 in Shoreditch, 7 in Lambeth, and 6 (of which 3 occurred in one family) in Camberwell. Of the 13 deaths from measles, 12 below the average, 3 occurred in Kensington and 3 in Fulham. Diphtheria caused 17 of the deaths registered, which, although 3 below the number in the previous week, exceeded the corrected average by 7; 2 were returned in Pancras, 2 in the City, and no less than 9 in South London, of which 5 occurred in Lambeth. During the thirteen weeks ending 28th ultimo, 22 fatal cases of diphtheria were registered in Lambeth, and 6 more were recorded there in the fortnight ending last Saturday. A death from diphtheria was registered last week in the Children's Home, Bonner Road, Bethnal Green. The fatal cases of fever, which had been 27 and 28 in the two preceding weeks, further rose to 34 last week, of which one was certified as typhus, 31 as enteric or typhoid, and 2 as simple continued fever. The death referred to typhus was of a child, aged 3 years, at 37, Cudworth Street, Bethnal Green. Of the 31 fatal cases of enteric fever, 2 occurred in Belgrave sub-district, 6 in Hackney, 3 in St. Giles, 4 in Lambeth, and 3 in the London Hospital. The Metropolitan Asylum Hospitals contained 112 enteric fever patients on Saturday last, of which 17 were admitted during the week; and 12 were under treatment in the London Fever Hospital.

The fatal cases of small-pox, which had been 2 and 4 in the two previous weeks, further rose to 5 last week, of which one was recorded in the Bethnal Green Workhouse, and the other 4 in private dwelling-houses. A child, aged 14 years, died at 53, Hampden Road, Islington; a female, aged 39 years, at 25, Old Ford Road, Bethnal Green; a child, aged one year and ten months, at 10, Chatham Street, Newington; and an infant, aged 3 weeks, at 5, Ada Road, Camberwell. The medical practitioners gave no information in their medical certificates as to the vaccination of any of these five cases. The Metropolitan Asylum Hospitals contained 99 small-pox patients on Saturday last, showing an increase of 3 upon the number at the end of the previous week; 15 new cases were admitted to these Hospitals during the week, against 2, 9, 13, and 15 in the four preceding weeks. The Highgate Small-pox Hospital contained but one patient on Saturday last.

The 37 deaths from diarrhœa, of which 29 were of children under five years of age, showed a further decline from the numbers in recent weeks, and were 16 below the corrected average.

The deaths referred to diseases of the respiratory organs, which had increased from 158 to 247 in the five preceding weeks, further rose to 286 last week, and exceeded the corrected average by 59; 175 resulted from bronchitis, and 86 from pneumonia.

Different forms of violence caused 51 deaths; 43 were the result of negligence or accident, including 18 from fractures and contusions, 3 from burns and scalds, 3 from drowning, 3 from poison, and 13 of infants under one year of age from suffocation. The 18 deaths from fractures and contusions were thus caused:—male aged 53 years, fell from cab; males 27 and 49, and females 5, 11, and 54, run over by vans or carts; male 44, kicked by horse; male 57, run over on the Mid-Kent Railway; male 14, run over on Great Northern Railway; male 35, fell down stairs; males 30 and 73, and female 3, fell from windows; male 60, fell over box; male 1, by bedstead falling on him; females 40, 54, and 82, by falls (not stated how). An inquest was held in each of these 18 cases. A male, aged 31, was executed, by hanging, for wilful murder, in the Surrey County Gaol, at Wandsworth, on 8th inst.

In the large Public Institutions 285 deaths were recorded, or 20 per cent. of the total deaths; of these, 176 occurred in Workhouse Establishments, 100 in Hospitals, and 9 in Lunatic Asylums.

Greater London.

In Greater London 2887 births and 1652 deaths were registered, equal to annual rates of 33·9 and 19·4 per 1000 of the population. In the Outer Ring, 2 deaths were referred to fever, and one to diphtheria in Croydon, and 3 to scarlet fever in Hornsey sub-district.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 32, Bombay 34, Madras 49; Paris 22; Geneva 22; Brussels 30; Amsterdam 18, Rotterdam 19, The Hague 22; Copenhagen 22; Stockholm 18; Christiania 18; St. Petersburgh 36; Berlin 31, Hamburg 29, Dresden 22, Breslau 26, Munich 28; Vienna 25, Buda-Pesth 39; Rome 22, Naples 22, Turin 21, Venice 27; Alexandria 49; New York 22, Brooklyn 22, Philadelphia 16, and Baltimore 18. Small-pox caused 31 deaths in St. Petersburgh.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·54 in.; the lowest reading was 29·11 in. on Thursday morning, and the highest 30·16 in. by the end of the week. The mean temperature of the *air* was 56°·9, and 5°·0 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed an excess on each of the first five, whereas it was below the average on the last two days of the week; on Monday the mean was 61°·7, and in excess by 9°·1, while it fell to 50°·0 on Saturday, and was 1°·0 below the average. The lowest night temperature was 42°·7 on Saturday, and the highest day temperature in the shade 69°·1 on Sunday; the extreme range in the week was, therefore, 26°·4. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 118°·5 on Tuesday. The difference between the mean *dew-point* and *air* temperature averaged 6°·8. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police ship, was 58°·6. The mean degree of *humidity* of the air was 78, complete saturation being represented by 100. The general direction of the *wind* was south-westerly, and the horizontal movement of the air averaged 15·4 miles per hour, which was 5·4 above the average in the corresponding week of 16 years. *Rain* fell on five days of the week, to the aggregate amount of 0·54 of an inch. The duration of registered bright sunshine in the week was 31·3 hours, the sun being above the horizon during 77·3 hours; the recorded duration of sunshine was, therefore, equal to 40 per cent. of its possible duration. The amount of ozone in the air was above the average on Monday, Tuesday, Wednesday, and Thursday.

Table 1.—Births and Deaths registered, and Meteorology,* in 23 Towns of the United Kingdom, during the Week ending Saturday, 12th October 1878.

Cities and Boroughs. (*Municipal Boundaries, except for* London *and* Dublin.)	Area in Acres, exclusive of tidal water and foreshore.	Population estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 12th October, 1878. Births.	Deaths.	Temperature of the Air. (Fahrenheit.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Temperature of the Air. (Centigrade.) Weekly Mean of the Daily Mean Values.	Rain Fall. In Inches.	In Centimetres.
In 23 Towns in the United Kingdom	220,307	8,373,953	38·0	5730	3467	71·0	39·0	56·3	13·50	0·72	1·83
London	75,362	3,577,304	47·5	2358	1418	69·1	42·7	56·9	13·83	0·54	1·37
Brighton	2,354	103,923	44·1	63	40	68·0	44·0	57·2	14·00	0·99	2·51
Portsmouth	4,486	129,461	28·9	68	57	–	–	–	–	–	–
Norwich	7,472	84,620	11·3	58	32	66·0	45·2	56·7	13·72	0·29	0·74
Plymouth	1,395	73,599	52·8	45	38	68·0	39·0	56·8	13·78	0·72	1·83
Bristol	4,452	206,419	46·4	135	58	70·9	39·8	56·1	13·39	1·40	3·56
Wolverhampton	3,396	74,240	21·9	43	29	68·6	42·6	54·9	12·72	0·85	2·16
Birmingham	8,400	383,117	45·6	301	205	–	–	–	–	–	–
Leicester	3,200	121,473	38·0	93	38	68·0	41·0	55·3	12·95	0·62	1·57
Nottingham	9,960	165,267	16·6	122	58	71·0	39·8	56·6	13·67	0·28	0·71
Liverpool	5,210	532,681	102·2	412	263	65·0	44·4	54·9	12·72	0·76	1·93
Manchester	4,293	360,514	84·0	286	152	–	–	–	–	–	–
Salford	5,170	170,251	32·9	111	85	69·0	41·7	55·7	13·17	1·20	3·05
Oldham	4,666	107,366	23·0	72	51	–	–	–	–	–	–
Bradford	7,220	185,088	25·6	143	64	67·0	47·2	56·1	13·39	0·85	2·16
Leeds	21,572	304,948	14·1	232	127	66·0	47·0	56·7	13·72	0·60	1·52
Sheffield	19,651	289,537	14·7	215	119	67·0	45·5	56·5	13·61	0·70	1·78
Hull	3,635	143,139	39·4	107	54	67·0	42·0	56·1	13·39	0·27	0·69
Sunderland	2,768	112,459	40·6	83	51	68·0	49·0	58·4	14·66	0·29	0·74
Newcastle-on-Tyne	5,371	144,570	26·9	111	73	–	–	–	–	–	–
Edinburgh	4,191	222,371	53·1	140	69	65·2	45·5	56·0	13·33	0·56	1·42
Glasgow	6,033	566,940	94·0	376	230	63·0	47·2	56·3	13·50	0·89	2·26
Dublin	10,050	314,666	31·3	156	156	69·6	41·6	56·1	13·39	1·07	2·72

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.

† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

Table 2.—Deaths and Rate of Mortality in 20 large English Towns, having an estimated population of 7,269,976 persons, and in Dublin, during the Week ending Saturday, 12th October, 1878.

Boroughs, &c. (*Municipal Boundaries, except for* London *and* Dublin.)	Annual Rate of Mortality per 1000 living. From All Causes.	From Seven Zymotic Diseases.	Deaths from all Causes.	The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
In 20 Towns	21·6	3·6	3012	756	555	6	23	179	28	73	87	113	107	201	470
London	20·7	2·8	1418	344	300	5	13	33	17	52	34	37	51	109	285
Brighton	20·1	3·0	40	13	7	–	–	1	1	–	–	4	3	5	4
Portsmouth	23·0	3·2	57	11	9	–	–	1	–	–	6	1	–	2	8
Norwich	19·7	0·6	32	6	14	–	–	–	–	–	1	–	2	5	2
Plymouth	26·9	5·0	38	7	8	–	–	1	–	–	2	4	1	3	–
Bristol	14·7	1·0	58	16	15	–	–	1	–	–	2	1	3	5	1
Wolverhampton	20·4	1·4	29	5	13	–	–	–	–	–	–	2	1	1	8
Birmingham	27·9	8·3	205	59	31	1	1	40	1	2	3	13	10	13	30
Leicester	16·3	2·6	38	13	9	–	–	–	–	1	–	5	–	1	4
Nottingham	18·3	2·5	58	10	8	–	–	1	–	–	5	2	2	7	5
Liverpool	25·8	7·0	263	69	22	–	1	49	3	1	7	10	11	15	26
Manchester	22·0	3·2	152	49	21	–	3	7	1	2	3	6	4	5	35
Salford	26·0	4·6	85	18	13	–	2	3	3	–	6	1	1	3	7
Oldham	24·8	4·9	51	14	8	–	1	4	–	–	3	2	1	1	4
Bradford	18·0	2·8	64	16	11	–	1	5	–	2	2	–	1	1	9
Leeds	21·7	4·6	127	26	22	–	–	12	–	3	4	8	6	9	15
Sheffield	21·4	4·9	119	30	14	–	1	9	–	8	3	6	4	6	13
Hull	19·7	2·9	54	17	9	–	–	1	1	1	1	4	–	1	6
Sunderland	23·7	4·2	51	11	10	–	–	4	–	–	3	2	1	1	3
Newcastle-on-Tyne	26·3	5·8	73	22	11	–	–	7	1	1	2	5	5	8	5
Dublin	25·9	3·0	156	24	40	5	–	5	–	1	5	2	2	1	49

Table 3. LONDON.—**Births** and **Deaths** Registered last Week, and in the Forty-first Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
Total Births	2325	2053	2116	2254	2135	2154	2383	2325	2358	2392	2249·5	2358
Males . .	1198	1009	1102	1097	1096	1083	1214	1217	1220	1188	1142·4	1171
Females .	1127	1044	1014	1157	1039	1071	1169	1108	1138	1204	1107·1	1187
Total Deaths	1438	1305	1416	1275	1218	1247	1344	1442	1257	1321	1326·3	1418
Males . .	701	676	735	618	574	638	673	791	657	658	672·1	692
Females .	737	629	681	657	644	609	671	651	600	663	654·2	726

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77, after raising the average by 7 per cent. for increase of population.

Table 4. LONDON.—Deaths and Meteorology in the Last Thirteen Weeks.

	July 20.	July 27.	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.
Total Deaths - - -	1787	1792	1877	1694	1517	1433	1365	1260	1259	1250	1355	1355	1418
0—20 - -	1083	1161	1194	1032	856	805	721	648	629	597	654	677	679
20—40 - -	187	186	205	187	176	191	163	174	193	183	214	188	198
40—60 - -	227	204	227	227	205	194	217	207	211	231	257	230	241
60—80 - -	243	209	217	208	233	202	215	189	187	198	191	216	241
at 80 years & upwds.	47	32	34	40	47	41	49	42	39	41	39	44	59
Deaths of children: Under 1 year -	700	758	812	676	534	492	397	354	331	326	336	380	344
Deaths of children: 1—5 - -	296	302	297	256	227	232	219	213	214	195	228	208	231
Deaths of children: 5—20 - -	87	101	85	100	95	81	105	81	84	76	90	89	104
Deaths from 7 principal Zymotic Diseases	525	622	649	513	397	340	281	252	211	193	192	190	191
" " Small-pox -	19	11	18	14	9	10	6	3	7	4	2	4	5
" " Measles - -	13	21	19	14	10	10	7	10	6	2	6	19	13
" " Scarlet fever -	21	27	26	26	27	24	29	30	27	24	30	34	33
" " Diphtheria -	8	7	6	11	11	11	12	10	13	10	13	20	17
" " Whooping-cough	106	101	89	77	60	74	56	54	37	43	53	40	52
" " Typhus fever -	3	1	–	–	1	1	2	2	5	–	1	2	1
" " Enteric (or Typhoid) fever -	15	16	17	28	12	12	20	18	25	25	20	22	31
" " Simple Contd fever	1	4	4	4	4	3	1	5	2	5	6	4	2
" " Diarrhœa - -	339	434	470	339	263	195	148	120	89	80	61	45	37
" " Simple Cholera -	10	23	24	12	5	6	6	4	1	1	–	–	–
" " Dis. of Respiratory Organs -	202	151	159	155	139	141	175	158	172	215	213	247	286
" " Phthisis - -	163	169	193	173	158	169	157	145	152	161	182	182	159
" " Heart Diseases -	61	78	71	93	82	72	58	72	74	62	81	83	95
Violent Deaths - - -	46	50	50	57	59	35	59	41	43	56	52	30	51
Inquest Cases - - -	76	86	85	91	104	72	91	64	63	85	100	61	109
Deaths in Public Institutions	276	261	254	257	253	231	262	233	246	241	269	213	285
Temperature of the Air:	°	°	°	°	°	°	°	°	°	°	°	°	°
Mean - - - - -	66·8	65·2	60·5	65·9	62·2	61·5	61·8	61·2	59·1	54·4	52·2	55·8	56·9
Mean of Highest readings -	78·9	76·0	71·5	76·3	73·2	70·6	71·5	72·1	71·0	64·0	61·0	66·1	64·2
Mean of Lowest readings -	54·6	58·1	52·6	56·9	54·9	54·4	56·0	52·8	49·8	47·0	44·0	47·6	51·3
Mean Temperature of the Water of the Thames -	66·5	69·5	68·6	66·7	67·1	65·7	64·7	62·8	61·2	61·4	57·7	57·6	58·6
Humidity of the Air - -	70	81	77	76	79	79	85	82	79	79	85	81	78
Rain-fall in inches - -	0·00	0·21	0·25	2·22	1·08	0·71	1·15	0·00	0·02	0·49	0·19	0·13	0·54
Registered Sunshine (in hours)	56·4	37·6	30·7	54·5	41·1	21·5	27·5	31·2	40·1	34·6	9·6	41·0	31·3

Meteorological Observations. (*See* Table 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-FIRST Week of the Year 1878.

CAUSES OF DEATH.	Average in the Forty-first Weeks of the 10 years 1868-77.*	In the Week ending Saturday, October 12, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature	50·5	Mean Tem. 56·9							
ALL CAUSES	1326·3	1418	344	231	104	198	241	241	59
SPECIFIED CAUSES	1323·0	1416	343	231	104	198	241	240	59
I. ZYMOTIC.									
ORDER 1.									
1. Small-pox	12·6	5	1	1	1	1	-	1	-
2. Measles	23·1	13	4	9	-	-	-	-	-
3. Scarlet Fever	95·0	33	1	18	13	1	-	-	-
4. Diphtheria	9·1	17	2	7	5	2	1	-	-
5. Quinsy	1·1	1	-	1	-	-	-	-	-
6. Croup	10·8	15	3	12	-	-	-	-	-
7. Whooping-cough	25·6	52	18	30	3	-	-	1	-
8. Typhus	39·2 (Enteric or Typhoid Fev. — Simple continued Fev.)	1	-	1	-	-	-	-	-
— Enteric or Typhoid Fev.		31	-	1	15	12	3	-	-
— Simple continued Fev.		2	-	-	1	1	-	-	-
9. Erysipelas	9·0	4	3	-	-	-	-	1	-
10. Puerperal Fev. (Metria)	6·1	4	-	-	-	4	-	-	-
11. Carbuncle	·5	-	-	-	-	-	-	-	-
12. Influenza	·1	-	-	-	-	-	-	-	-
13. Dysentery	1·7	2	-	-	-	2	-	-	-
14. Diarrhœa	49·3	37	17	12	-	1	2	3	2
15. Simple Cholera	1·1	-	-	-	-	-	-	-	-
16. Ague	·2	1	-	-	-	1	-	-	-
17. Remittent Fever	·2	-	-	-	-	-	-	-	-
18. Rheumatism	8·6	11	-	-	4	7	-	-	-
19. Other *Zymotic* Diseases	·2	-	-	-	-	-	-	-	-
ORDER 2.									
1. Syphilis	8·0	6	6	-	-	-	-	-	-
2. Stricture of Urethra	1·7	1	-	-	-	-	-	1	-
3. Hydrophobia	·1	1	-	-	-	1	-	-	-
4. Glanders	-	-	-	-	-	-	-	-	-
ORDER 3.									
1. Privation	·3	2	-	-	-	-	-	2	-
2. Want of Breast-milk	10·3	7	7	-	-	-	-	-	-
3. Purpura and Scurvy	1·6	5	2	2	-	-	1	-	-
4. Alcoholism { a Del. Tremens	1·3	1	-	-	-	-	1	-	-
4. Alcoholism { b Intemperance	1·5	6	-	-	-	3	2	1	-
ORDER 4.									
1. Thrush	4·0	6	6	-	-	-	-	-	-
2. Worms, &c.	·3	-	-	-	-	-	-	-	-
II. CONSTITUTIONAL.									
ORDER 1.									
1. Gout	2·1	2	-	-	-	-	1	1	-
2. Dropsy	9·4	6	1	-	-	-	3	2	-
3. Cancer	34·1	40	-	-	1	2	22	15	-
4. Cancrum Oris (Noma)	·2	-	-	-	-	-	-	-	-
5. Mortification	3·5	4	-	-	-	-	2	2	-
ORDER 2.									
1. Scrofula	9·4	10	6	1	3	-	-	-	-
2. Tabes Mesenterica	28·9	24	12	11	-	1	-	-	-
3. Phthisis	153·1	159	3	3	16	85	41	11	-
4. Hydrocephalus	21·4	30	8	16	6	-	-	-	-
III. LOCAL.									
ORDER 1.									
1. Cephalitis	14·7	29	8	13	5	2	1		-
2. Apoplexy	33·4	51	2	1	-	2	16	28	2
3. Paralysis	24·6	29	-	1	-	-	5	20	3
4. Insanity	2·3	2	-	-	-	1	1	-	-
5. Chorea	·3	-	-	-	-	-	-	-	-
6. Epilepsy	6·5	6	-	-	-	2	3	-	1
7. Convulsions	42·7	42	29	9	2	1	1	-	-
8. *Brain Disease, &c.*	12·9	24	-	2	-	5	4	13	-
ORDER 2.									
1. Pericarditis	2·0	2	-	-	1	1	-	-	-
2. Aneurism	4·4	2	-	-	-	-	2	-	-
3. *Heart Disease, &c.*	70·4	91	-	-	8	16	32	27	8
ORDER 3.									
1. Laryngitis	6·6	2	1	-	-	1	-	-	-
2. Bronchitis	114·2	175	66	35	1	5	23	38	7
3. Pleurisy	3·8	2	1	-	-	-	1	-	-
4. Pneumonia	67·1	86	25	22	2	11	20	5	1
5. Asthma	7·6	3	-	-	-	-	1	2	-
6. *Lung Disease, &c.*	13·0	18	6	3	1	-	3	4	1
ORDER 4.									
1. Gastritis	2·1	2	-	-	-	-	-	2	-
2. Enteritis	6·9	3	1	-	-	2	-	-	-
3. Peritonitis	5·7	3	-	-	1	2	-	-	-
4. Ascites	2·5	-	-	-	-	-	-	-	-
5. Ulceration of Intestines	2·8	3	-	-	-	1	2	-	-
6. Hernia	2·6	5	-	-	1	2	1	1	-
7. Ileus	2·8	1	-	-	-	-	-	1	-
8. Intussusception	1·4	-	-	-	-	-	-	-	-
9. Stricture of Intestines	·3	1	-	-	-	-	1	-	-
10. Fistula	·5	2	-	-	-	-	1	1	-
11. *Stomach Disease, &c.*	7·8	9	1	1	3	1	2	1	-
12. *Pancreas Disease, &c.*	·1	-	-	-	-	-	-	-	-
13. Hepatitis	3·8	1	-	-	-	-	1	-	-
14. Jaundice	4·6	7	2	-	-	-	1	4	-
15. *Liver Disease, &c.*	18·0	20	-	-	-	3	10	7	-
16. *Spleen Disease, &c.*	·3	-	-	-	-	-	-	-	-
ORDER 5.									
1. Nephritis	4·1	1	-	-	1	-	-	-	-
2. Ischuria	·1	-	-	-	-	-	-	-	-
3. Bright's Dis. (Nephria)	12·1	6	-	-	-	1	4	1	-
4. Diabetes	2·5	4	-	-	1	2	1	-	-
5. Calculus (Stone)	·9	-	-	-	-	-	-	-	-
6. Cystitis	1·5	2	-	-	-	-	1	1	-
7. *Kidney Disease, &c.*	7·0	3	-	-	-	1	-	2	-
ORDER 6.									
1. Ovarian Dropsy	·2	-	-	-	-	-	-	-	-
2. *Uterus Disease, &c.*	3·9	6	-	-	-	2	3	1	-
ORDER 7.									
1. Synovitis (Arthritis)	·7	1	-	1	-	-	-	-	-
2. *Joint Disease, &c.*	4·5	7	-	1	1	-	1	3	1
ORDER 8.									
1. Phlegmon	2·5	1	-	-	-	-	1	-	-
2. Ulcer	1·8	-	-	-	-	-	-	-	-
3. *Skin Disease, &c.*	1·8	2	1	-	-	1	-	-	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth	24·7	28	28	-	-	-	-	-	-
2. Cyanosis	2·9	5	3	1	1	-	-	-	-
3. Spina Bifida	1·0	2	2	-	-	-	-	-	-
4. Other Malformations	1·6	-	-	-	-	-	-	-	-
5. Teething	10·9	12	6	6	-	-	-	-	-
ORDER 2.									
1. Paramenia	·1	1	-	-	-	-	1	-	-
2. Childbirth (*see* Puerperal Fever)	7·9	3	-	-	1	2	-	-	-
ORDER 3.									
1. Old Age	39·8	59	-	-	-	-	-	27	32
ORDER 4.									
1. Atrophy and Debility	68·0	62	46	6	-	-	4	6	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	19·0	18	-	2	3	3	7	2	1
2. Wounds { Gunshot	·3	-	-	-	-	-	-	-	-
2. Wounds { Cut, Stab		1	-	-	-	-	-	1	-
3. Burns and Scalds	3·5	3	1	-	2	-	-	-	-
4. Poison	·6	3	1	2	-	-	-	-	-
5. Drowning	5·8	3	-	-	1	1	1	-	-
6. Suffocation	8·0	15	13	-	-	-	2	-	-
7. Otherwise	3·6	-	-	-	-	-	-	-	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	2·1	-	-	-	-	-	-	-	-
ORDER 4. (SUICIDE.)									
1. Wounds { Gunshot	·1	1	-	-	-	-	1	-	-
1. Wounds { Cut, Stab	1·7	1	-	-	-	-	1	-	-
2. Poison	·8	2	-	-	-	1	1	-	-
3. Drowning	1·1	1	-	-	-	1	-	-	-
4. Hanging	2·1	1	-	-	-	-	1	-	-
5. Otherwise	·3	1	-	-	-	-	-	1	-
ORDER 5. (EXECUTION.)									
1. Hanging	·1	1	-	-	-	1	-	-	-
Sudden Deaths (Cause unascertained)	·5	-	-	-	-	-	-	-	-
Causes not specified or ill-defined	2·8	2	1	-	-	-	-	1	-

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLE
during the Week endin

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions
LONDON	3,254,260	2358	1418	344	300	5	13	33	17	52	1	31	2	37	51	109	285
WEST DISTRICTS	561,359	356	221	55	52	-	6	1	1	7	-	4	-	4	11	25	51
NORTH DISTRICTS	751,729	531	327	65	77	1	-	8	2	13	-	11	-	12	12	22	66
CENTRAL DISTRICTS	334,369	196	154	31	28	-	1	2	2	6	-	6	-	-	8	15	39
EAST DISTRICTS	639,111	505	276	63	60	2	4	7	3	11	1	4	1	14	8	23	57
SOUTH DISTRICTS	967,692	770	440	130	83	2	2	15	9	15	-	6	1	7	12	24	72
WEST DISTRICTS.																	
St. Mary Paddington *WH* G.J. & W.M.	58728	48	17	6	4	-	-	-	-	2	-	-	-	-	-	2	3
St. John Paddington *H* - - G.J.	38085	14	5	1	1	-	-	-	-	-	-	-	-	-	-	-	3
Kensington Town *W* - - - W.M.	91645	80	36	7	7	-	3	-	1	1	-	-	-	2	1	3	7
Brompton *H* - - - W.M. & C.	28654	16	11	2	-	-	-	-	-	-	-	1	-	-	1	2	2
St. Peter Hammersmith - - W.M.	6662	5	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith *H* W.M. & G.J.	36029	33	22	6	6	-	1	-	-	1	-	-	-	-	2	2	2
Fulham *WwH* - - - W.M. & C.	23350	28	15	5	3	-	2	1	-	-	-	-	-	-	-	1	3
Chelsea South *HHH* - - - C.	26420	15	13	3	2	-	-	-	-	1	-	1	-	-	-	-	-
Chelsea North-west *WHHHH* - C.	22926	24	16	4	7	-	-	-	-	-	-	-	-	-	-	1	10
Chelsea North-east - - - C.	21392	7	9	4	2	-	-	-	-	-	-	-	-	-	-	2	-
Hanover Square *H* - - - G.J.	18698	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
May Fair *WW* - - - - G.J.	13358	4	6	-	3	-	-	-	-	-	-	-	-	-	1	1	5
Belgrave *HH* - - - - C.	57972	26	23	2	7	-	-	-	-	1	-	2	-	1	-	1	8
St. John Westminster *HH* - - C.	38478	18	12	3	2	-	-	-	-	-	-	-	-	-	1	3	1
St. Margaret Westminster *WH* - C.	27781	11	12	4	2	-	-	-	-	1	-	-	-	1	1	2	3
Golden Square *WH* - - - G.L.	12860	5	6	1	3	-	-	-	-	-	-	-	-	-	-	-	4
Berwick-street *H* - N.R. & G.J.	20759	12	5	3	-	-	-	-	-	-	-	-	-	-	1	1	-
St. Anne Soho *HHHHH* - - N.R.	17562	5	8	4	1	-	-	-	-	-	-	-	-	-	3	4	-
NORTH DISTRICTS.																	
All Souls Marylebone *HHHH* - W.M.	28579	6	15	-	4	-	-	-	-	-	-	1	-	1	1	3	6
Cavendish Square *HH* - - W.M.	15425	1	5	1	1	-	-	-	-	-	-	-	-	1	-	-	-
Rectory Marylebone *WH* G.J. & W.M.	26384	15	20	7	6	-	-	-	-	2	-	-	-	1	1	2	9
St. Mary Maryleb. *HHH* G.J. & W.M.	21786	27	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch Marylebone *H* - W.M.	33944	19	14	5	1	-	-	-	-	-	-	-	-	1	-	-	-
St. John Marylebone *H* - - W.M.	33136	15	9	1	3	-	-	-	-	-	-	-	-	2	1	1	-
Hampstead *WwHH* - N.R. & W.M.	32281	22	7	-	1	-	-	-	-	-	-	-	-	-	-	-	1
Regent's Park Pancras - - W.M.	38200	13	9	3	-	-	-	1	1	1	-	-	-	1	1	2	-
Tottenham-court *wHHH* N.R. & W.M.	29370	15	22	1	3	-	-	-	1	-	-	1	-	-	-	3	11
Gray's Inn Lane *HHH* - - N.R.	29221	17	8	3	1	-	-	1	-	-	-	-	-	-	1	1	1
Somers Town - - - - N.R.	38533	20	9	3	2	-	-	-	-	1	-	1	-	-	-	-	-
Camden Town *WH* - - - N.R.	17943	12	10	1	4	-	-	1	-	-	-	-	-	-	1	2	4
Kentish Town *w* - - - - N.R.	68198	61	31	11	7	-	-	1	-	-	-	1	-	1	-	-	6
Islington West *HHH* - - - N.R.	97820	86	34	7	6	1	-	-	-	2	-	-	-	2	2	3	1
Islington East *WWwwH* - - N.R.	115958	91	59	7	21	-	-	1	-	1	-	1	-	1	3	4	7
Stoke Newington *H* - - - N.R.	9841	10	5	1	2	-	-	-	-	-	-	-	-	-	1	1	-
Stamford Hill - - - - E.L.	6598	7	2	1	-	-	-	-	-	1	-	1	-	-	-	-	-
West Hackney - - - - N.R.	28069	26	10	1	2	-	-	-	-	1	-	2	-	1	-	-	-
Hackney *WwwHL* - E.L. & N.R.	50104	37	40	7	12	-	-	3	-	2	-	3	-	-	-	-	20
South Hackney - - - - E.L.	30339	31	15	4	-	-	-	-	-	2	-	-	-	-	-	-	-
CENTRAL DISTRICTS.																	
St. George Bloomsbury - - N.R.	17853	4	7	2	-	-	-	-	-	1	-	1	-	-	-	-	-
St. Giles South *WH* - - - N.R.	19109	17	20	5	5	-	-	-	-	1	-	1	-	-	-	4	8
St. Giles North - - - - N.R.	16594	7	4	1	-	-	-	-	-	1	-	1	-	-	-	-	-
St. Martins-in-the-Fields* - N.R. & C.	21238	13	13	2	-	-	-	-	-	-	-	-	-	-	2	2	9
St. Mary-le-Strand - - - N.R.	9378	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes *H* - - - N.R.	10723	4	8	3	-	-	-	-	-	-	-	-	-	-	-	-	3
St. George-the-Martyr *HHHHH* N.R.	20521	7	9	1	4	-	-	-	-	-	-	-	-	-	-	-	1
St. Andrew Eastern *W* - - N.R.	13529	6	12	1	3	-	1	1	-	2	-	-	-	-	1	1	8
Saffron Hill *H* - - - - N.R.	9066	7	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell *W* - - N.R.	18917	14	4	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Amwell Clerkenwell - - - N.R.	16884	18	8	3	-	-	-	-	-	-	-	1	-	-	2	2	-
Pentonville - - - - - N.R.	13337	12	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Goswell-street - - - - N.R.	16242	19	8	3	2	-	-	-	-	-	-	-	-	-	-	-	-
Old-street *H* - - - - N.R.	12161	9	7	1	3	-	-	-	-	-	-	-	-	-	-	-	-
City-road *HHL* - - - - N.R.	18301	15	8	2	1	-	-	1	-	-	-	-	-	-	-	-	1
Whitecross-street - - - - N.R.	13792	8	4	2	1	-	-	-	-	-	-	-	-	-	-	1	-
Finsbury - - - - - N.R.	10741	7	8	2	2	-	-	-	-	-	-	1	-	-	-	1	-
St. Botolph *H* - - N.R. & E.L.	14540	4	5	1	2	-	-	-	1	-	-	-	-	-	2	2	-
Cripplegate - - - - - N.R.	13638	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre *H* - - - - N.R.	7562	5	11	-	-	-	-	-	1	-	-	-	-	-	-	1	9
St. Bride *W* - - - - - N.R.	11185	4	5	-	3	-	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard - - - - N.R.	4426	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch - - - - N.R.	6270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe - - - - - N.R.	4753	3	2	-	1	-	-	-	-	-	-	1	-	-	-	-	-
Allhallows Barking - - - N.R.	5764	3	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-
Broad-street *H* - - - - N.R.	7845	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* On 1st August the sub-districts of Long Acre and Charing Cross were united for registration purposes under the name of St. Martins-in-the-Fields sub-district.

NOTE.—The Italic capitals placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub districts:—G.J. signifies Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East London; and K. the Kent Company.

R, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
rday, 12th October 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age.	Deaths of Persons aged 60 Years & upwds.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
ell Shoreditch - N.R. & E.L.	12430	6	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
onard Shoreditch *HL*† - N.R.	16545	5	5	3	-	-	-	-	-	1	-	-	-	-	-	-	-
n New Town *w* - - - N.R.	27835	15	13	2	2	-	-	2	-	1	-	-	-	-	1	1	-
n Old Town - - - - N.R.	26933	25	10	3	2	-	1	2	-	-	-	-	-	1	-	-	-
rston *WH* - - N.R. & E.L.	43421	37	21	6	6	-	-	1	-	-	-	-	-	2	2	3	7
ey-road *H* - - - - E.L.	29822	21	10	4	2	-	-	-	-	-	-	-	-	-	-	-	-
, Bethnal Green *WHL*† - E.L.	42433	37	25	2	7	2	-	1	1	-	1	-	-	-	-	6	10
h, Bethnal Green " - E.L.	26577	23	11	4	-	-	-	1	-	-	-	-	-	1	1	2	-
, Bethnal Green - - - E.L.	21272	9	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Helds *H* - - E.L. & N.R.	22499	12	4	-	3	-	-	-	-	-	-	-	-	-	-	2	-
End New Town *W* - E.L.	15550	12	8	1	4	-	1	-	-	-	-	-	-	-	-	-	5
chapel North - E.L. & N.R.	11597	7	6	1	1	-	-	-	-	-	-	-	-	1	-	-	-
chapel Church *H* - - E.L.	7322	4	10	-	1	-	-	-	-	-	-	3	-	-	2	2	9
nnn's Fields - - - - E.L.	10381	7	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
te - - - - N.R. & E.L.	9224	4	4	-	-	-	-	-	-	-	-	-	-	-	-	2	-
ry St. George East - - E.L.	17900	18	5	3	-	-	-	-	-	-	-	-	-	1	-	-	-
ul St. George East - - E.L.	21350	20	11	3	3	-	1	-	-	-	-	-	-	1	-	-	-
hn St. George East *W* - E.L.	8802	4	10	4	5	-	-	-	-	-	-	-	-	-	-	-	7
ell *H* - - - E.L. & N.R.	11640	6	5	-	-	-	-	-	-	-	-	-	-	1	1	1	3
H - - - - E.L.	16131	14	4	1	-	-	-	-	1	1	-	-	-	-	-	-	-
ouse - - - - - - E.L.	29919	25	8	1	-	-	-	-	-	2	-	-	-	-	-	1	-
End Old Town West - - E.L.	38128	28	12	3	5	-	-	-	-	1	-	-	-	1	-	1	-
End Old Town East *WwwH* - E.L.	55024	47	24	5	7	-	-	-	-	-	-	-	-	1	1	1	3
wwwH - - - - E.L.	67765	81	40	8	10	-	1	-	1	2	-	1	-	2	-	1	11
WW - - - - - E.L.	48611	38	20	7	-	-	-	-	-	3	-	-	1	2	-		2
SOUTH DISTRICTS.																	
church Southwark *WH* L. & S.	14573	12	5	-	2	-	-	-	-	-	-	-	-	-	-	-	2
viour Southwark *H* - S.	15677	10	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
oad - - - - S. & L.	20421	13	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-
gh-road *WH* - - S. & L.	16695	12	7	1	1	-	-	-	-	1	-	-	-	-	-	3	2
n-road *HL* - - L. & S.	18961	14	5	1	-	-	-	-	-	-	-	-	-	-	-	1	-
Newington - - S. & L.	23682	14	5	1	-	1	-	-	-	-	-	-	-	-	-	-	-
er Walworth *W* - S. & L.	48248	43	25	5	8	-	-	-	-	-	-	-	-	-	-	-	9
ry Newington - - L. & S.	16792	17	5	5	-	-	-	-	-	-	-	-	-	1	-	-	-
ve Southwark *H* - - S.	4373	1	10	-	-	-	-	-	-	-	-	-	-	-	2	3	10
n Horsleydown *W* - - S.	10500	6	6	-	1	-	-	-	-	-	-	-	-	-	-	-	-
r Market - - - S. & L.	16787	3	4	1	-	-	-	-	-	-	-	-	-	1	-	-	-
ry Magdalen *W* - - - S.	15709	16	11	2	2	-	1	-	-	-	-	-	-	-	-	-	3
nes Bermondsey - - S.	47933	50	23	13	1	-	-	1	1	-	-	-	-	-	1	1	-
hithe *W* - - - S. & K.	27096	16	11	3	1	-	-	-	-	-	-	-	-	-	-	-	1
oo-road 1st *H* - - L. & S.	14074	8	9	2	1	-	-	1	1	-	-	-	-	-	1	1	-
oo-road 2nd *H* - - L. & S.	18465	9	6	3	-	-	-	1	-	1	-	-	-	-	-	-	-
th Church 1st *H* - L. & S.	19492	10	12	2	1	-	-	-	2	-	-	1	-	-	1	2	8
th Church 2nd *WW* - L. & S.	35833	32	22	3	8	-	1	-	1	1	-	1	-	1	-	-	11
gton 1st - - - S. & L.	41286	24	15	5	3	-	-	3	1	-	-	-	-	1	-	-	-
gton 2nd - - - S. & L.	31221	9	6	1	1	-	-	-	-	-	-	-	-	-	1	2	-
w - - - - L. & S.	35435	34	25	7	4	-	-	2	-	1	-	3	-	-	-	-	4
od *W* - - - - - L.	12536	9	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
m *H* - - - - - S.	27347	18	9	-	6	-	-	-	-	-	-	-	-	-	-	1	-
es *Ww* - - - - S.	54016	82	35	18	4	-	-	-	-	-	-	-	-	1	1	2	5
worth *HL* - - - S.	19783	11	13	1	8	-	-	-	-	-	-	-	-	-	1	2	5
- - - - - - S.	9439	10	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-
am - - - - - - L.	14475	11	3	-	2	-	-	-	1	-	-	-	-	-	-	-	-
h - - - - - L. & S.	4041	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
rwell *WL*†*L*† - - S. & L.	31254	37	13	8	1	1	-	1	-	-	-	-	-	-	-	-	3
m *W* - - S., L., & K.	42160	48	35	8	8	-	-	4	-	-	-	1	-	-	-	1	-
rge Camberwell - L. & S.	33851	33	11	7	-	-	-	1	-	1	-	-	-	2	-	2	-
l Deptford *w* - - - K.	53714	39	22	4	3	-	-	-	1	5	-	-	-	-	-	1	-
olas Deptford - - - K.	6474	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ich West - - - - K.	21034	12	5	2	2	-	-	-	-	1	-	-	-	-	-	-	-
ich East *WH* - - - K.	19378	13	10	2	2	-	-	-	-	1	-	-	-	-	1	1	4
H - - - - - K.	4539	3	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-
- - - - - - K.	16440	9	6	3	1	-	-	-	1	1	-	-	-	-	-	-	-
am Village *WH* - - K.	11513	9	12	4	2	-	-	-	-	-	-	-	-	-	1	1	3
am *H* - - - - L.	19065	15	5	1	-	-	-	-	-	2	-	-	-	-	-	-	-
n *H* - - - - - K.	9564	4	8	2	3	-	-	-	-	-	-	-	-	-	-	-	-
ch Dockyard - - - K.	17226	12	4	3	1	-	-	-	-	-	-	-	-	-	2	1	-
ch Arsenal *WHH* - - K.	18331	13	9	2	-	-	-	1	-	-	-	-	1	-	-	-	1
ead West - - - - K.	13027	7	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-
ead East *W* - - - K.	15232	16	4	1	2	-	-	-	-	-	-	-	-	-	-	-	1

llowing WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the able by *w*:—

ral London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
lon City Workhouse in Islington East sub-district.
orn Infirmary " " "
ton City Workhouse " Hackney sub-district.
orn " " Hoxton New Town sub-district.
echapel " " Mile End Old Town Eastern sub-dist.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7.—LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 12th October 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
	LONDON—OUTER RING	368,414	631,381	529	234	48	51	-	2	8	2	6	5	8	6	9
29 : 1	Carshalton *wL* - - -	12228	13523	9	7	1	4	-	-	-	-	-	1	-	-	-
2	Epsom (*part of*) * *WH* -	9971	9145	5	-	-	-	-	-	-	-	-	-	-	-	-
36 : 1	Godstone (*part of*) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	61	34	5	9	-	-	1	1	2	2	1	-	1
2	Mitcham *WH* - - -	11697	12534	7	1	-	-	-	-	-	-	-	-	-	-	-
38 : 1	Wimbledon *HH* - - -	3220	9087	8	-	-	-	-	-	-	-	-	-	-	-	-
2	Kingston *WH* - - -	8549	27489	22	7	3	1	-	-	-	-	-	-	-	1	1
3	Esher (*part of*) * - -	6601	7353	2	1	-	-	-	-	-	-	-	-	-	-	-
4	Hampton - - - -	4573	10185	9	3	1	2	-	-	-	-	-	-	-	-	-
39 : 1	Richmond *WH* - - -	2271	16829	11	5	-	2	-	1	-	-	-	-	-	-	-
2	Mortlake - - - -	2961	9316	10	6	2	3	-	-	-	-	-	-	-	-	-
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	18	3	2	-	-	-	-	-	-	-	-	-	-
2	Chislehurst (*part of*) * *W* -	13665	10028	10	2	1	1	-	-	-	-	-	-	-	-	-
41 : 1	Bexley *H* - - - -	13439	19566	13	8	2	1	-	-	1	-	-	-	-	-	-
123 : 1	Sunbury *W* - - -	11055	9860	10	4	1	1	-	-	-	-	2	-	-	-	-
2	Staines *W* - - - -	13277	10339	3	3	-	-	-	-	-	-	-	-	-	-	-
124 : 1	Hillingdon *WH* - - -	6029	9712	2	2	-	-	-	-	-	-	-	-	-	-	-
2	Uxbridge - - - -	6178	5329	1	1	-	-	-	-	-	-	-	-	-	-	-
3	Hayes *WL* - - - -	14587	10497	2	5	-	2	-	-	-	-	-	-	-	-	-
125 : 1	Isleworth *W* - - -	7008	19930	7	9	1	4	-	-	-	-	-	-	-	-	-
2	Twickenham - - -	2477	10533	3	6	-	-	-	-	-	-	-	-	-	-	-
3	Brentford *HL* - - -	4370	20279	9	5	-	3	-	-	-	-	-	-	-	1	1
4	Chiswick - - - -	1311	8508	11	1	-	-	-	-	-	-	-	-	-	-	-
5	Acton *WH* - - - -	6087	12683	13	3	1	-	-	1	-	-	-	-	-	-	-
126 : 1	Harrow *H* - - - -	13809	10869	8	3	1	-	-	-	1	-	-	-	-	-	-
2	Edgware *H* - - -	6994	3450	2	1	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	13	9	2	1	-	-	-	-	1	-	3	-	1
4	Hendon *WH* - - -	8382	6972	7	-	-	-	-	-	-	-	-	-	-	-	-
127 : 1	South Mimms - - -	15419	5924	2	1	-	-	-	-	-	-	-	-	-	-	-
2	Barnet *W* - - - -	5423	7752	8	4	-	1	-	-	-	-	-	-	-	-	-
3	Finchley *L* - - - -	4688	11493	7	5	-	-	-	-	1	-	-	-	-	-	-
128 : 1	Hornsey *H* - - - -	3039	19357	17	10	2	1	-	-	3	-	-	-	1	-	-
2	Tottenham *H* - - -	4642	22869	25	10	3	2	-	-	1	1	-	-	-	-	-
3	Edmonton *WW* - - -	7483	13860	17	8	-	2	-	-	-	-	1	-	-	2	2
4	Enfield *WH* - - -	12653	16054	10	4	2	-	-	-	-	-	-	-	-	-	-
5	Waltham Abbey - - -	11017	5197	4	1	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	5	2	-	1	-	-	-	-	-	-	-	-	-
134 : 1	Hatfield (*part of*) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	5	-	-	-	-	-	-	-	-	-	-	-	-
185 : 1	Stratford - - - -	882	23286	26	11	4	1	-	-	-	-	-	-	-	-	1
2	West Ham *WWWW* - -	7345	44642	60	22	8	2	-	-	-	-	-	1	2	-	-
3	Leyton *WW* - - -	4274	15513	24	13	1	6	-	-	-	-	-	-	-	1	1
4	Walthamstow *H* - -	6619	15701	10	7	3	-	-	-	-	-	-	-	-	1	1
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	17	2	1	-	-	-	-	-	-	-	1	-	-
188 : 1	Romford (*part of*) * - -	6730	2879	4	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford - - - - -	8492	5947	2	3	-	1	-	-	-	-	-	1	-	-	-
3	Barking Town - - -	4128	6576	10	2	1	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Godst sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 9 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoidon- (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 12th October 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Deaths in Public Institutions.
ATER LONDON	446,494	4,450,015	19·4	2·6	1652	392	351	5	15	41	19	58	39	45	57	318
NNER LONDON -	78,080	3,577,304	20·7	2·8	1418	344	300	5	13	33	17	52	34	37	51	285
UTER RING -	368,414	872,711	14·0	1·9	234	48	51	–	2	8	2	6	5	8	6	33

TE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal ·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area ,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, ich 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than es to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,758,933 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	August 31	–	261	31·7	Small-pox 4; fevers 103.
BOMBAY - -	644,405	September 10	–	539	34·3	Remittent fever 191.
MADRAS - -	397,552	August 23	333	373	48·7	Fevers 75.
PARIS - - -	1,988,806	October 10	–	835	21·8	Typhoid fever 28; diphtheria 14.
GENEVA - -	68,792	" 5	27	29	22·0	—
BRUSSELS - -	175,782	September 28	91	100	29·7	Typhoid fever 3.
AMSTERDAM -	302,266	" 28	223	106	18·2	Whooping-cough 3; typhus and typhd. fev. 2.
ROTTERDAM -	142,585	" 28	88	51	19·2	Scarlet fever 2.
THE HAGUE -	107,896	" 28	96	46	22·1	—
COPENHAGEN -	220,000	October 8	155	81	21·6	Typhoid fever 2.
STOCKHOLM -	152,825	September 28	–	53	18·0	—
CHRISTIANIA -	105,000	October 5	90	38	18·5	—
ST. PETERSBURGH	669,741	September 28	–	465	36·1	Small-pox 31; typhus and typhoid fever 30.
BERLIN - -	1,019,620	" 21	872	621	31·3	Diphtheria 19; scarlet fever 17.
HAMBURG (State)	406,104	" 28	341	227	29·2	Scarlet fever 8.
DRESDEN - -	207,845	" 28	70	87	21·5	Diphtheria and croup 4.
BRESLAU - -	267,000	October 5	196	134	26·2	Scarlet fever 5; diarrhœal diseases 13.
MUNICH - -	222,000	" 5	167	121	28·0	Diarrhœal diseases 27.
VIENNA - -	727,271	" 5	563	346	24·7	Diphtheria 23.
BUDA-PESTH -	319,530	September 28	242	242	39·4	Scarlet fever 5.
ROME - - -	282,214	August 31	156	117	21·6	Typhus and typhoid fever 7.
NAPLES - -	457,407	September 2	–	197	22·5	Typhus 3.
TURIN - -	227,843	" 28	142	92	21·1	Small-pox 3; typhus and typhoid fever 3.
VENICE - -	139,796	October 5	74	72	26·9	—
ALEXANDRIA -	212,034	September 26	153	198	48·7	Whooping-cough 16.
NEW YORK -	1,084,528	" 14	–	458	22·0	Whooping-cough 11; scarlet fever 8.
BROOKLYN -	549,438	" 14	–	228	21·6	Diphtheria 10; whooping-cough 7.
PHILADELPHIA	876,118	" 21	–	273	16·3	Typhoid fever 13; diphtheria 10.
BALTIMORE -	355,000	" 21	–	122	17·9	Typhoid fever 5.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 12th OCTOBER, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. High-est.	Low-est.	Range in day.	Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Great-est.	Least.	Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	P.M.	Pressure on square foot. Great-est.	Least.	Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	Depart-ure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
OCTOBER.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN. .	6	..	29·627	69·1	53·7	15·4	61·0	56·2	92·6	49·0	59·3	57·1	4·8	9·0	1·3	+ 8·1	84	E. SE. & SSE.	S. & SSW.	0·0	0·0	0·0	183	— 47	0·04	8·0
MON. .	7	..	29·384	67·6	57·6	10·0	61·7	52·6	118·3	52·1	60·3	57·7	9·1	14·8	1·5	+ 9·1	72	S. & SW.	SSW. SSE. & S.	2·7	0·0	0·3	340	+108	0·20	20·2
TUES. .	8	..	29·296	66·2	55·1	11·1	59·1	52·8	118·5	50·8	60·3	57·8	6·3	12·1	3·6	+ 6·9	80	SSW.& SW.	SW.	2·4	0·0	0·2	362	+128	0·03	16·5
WED. .	9	In Equator	29·377	63·4	53·5	9·9	58·5	53·0	108·3	47·4	59·8	57·9	5·5	9·9	1·9	+ 6·6	82	SSW.	SSW.	7·5	0·0	1·0	458	+222	0·07	15·5
THURS.	10	Apogee.	29·194	62·9	52·0	10·9	56·8	51·7	109·6	49·0	60·3	57·3	5·1	8·5	3·4	+ 5·2	83	SSW.	SW. & WSW.	6·3	0·1	1·6	600	+359	0·17	18·8
FRI. .	11	Full	29·806	60·6	44·3	16·3	51·2	41·6	103·7	39·0	59·8	57·3	9·6	18·2	0·8	— 0·1	70	WSW.& W.	WNW. W. & WSW.	4·0	0·0	0·7	465	+215	0·00	8·0
SAT. .	12	..	30·113	59·4	42·7	16·7	50·0	42·6	104·7	35·3	58·7	56·3	7·4	13·7	1·5	— 1·0	76	WSW.	NW. & SW.	0·0	0·0	0·0	172	— 86	0·00	0·0
MEANS .		..	29·542	64·2	51·3	12·9	56·9	50·1	108·0	46·1	59·8	57·3	6·8	12·3	2·0	+ 5·0	78	SW.		..	..	..	Sum 2580	Sum +899	Sum 0·54	12·4
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. October.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY .	6	No electricity was shown.	0·0	11·2	Overcast. Rain fell in the evening.
MONDAY .	7	A little weak positive.	6·6	11·2	Rain fell heavily in the early morning hours; fine and partially cloudy throughout the day.
TUESDAY .	8	No electricity was shown.	5·9	11·1	Rain fell in the early morning hours; fine and partially cloudy during the day.
WEDNESDAY	9		2·5	11·0	Partially cloudy; showery and windy.
THURSDAY .	10		2·5	11·0	Showery till afternoon; fine but cloudy afterwards. Windy.
FRIDAY .	11	Weak positive.	7·6	10·9	Very fine; partially cloudy. Lunar halo.
SATURDAY .	12		6·2	10·9	Very fine. The amount of cloud was usually small.
..		..	Sum 31·3	Sum 77·3	
No. of Col.		28	29	30	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and — "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Sir E. Y. W. Henderson, R.E., K.C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29·85 in. at the beginning of the week to 29·24 in. by 9h. A.M. on the 8th; increased to 29·48 in. by 9h. A.M. on the 9th; decreased to 29·11 in. by 9h. A.M. on the 10th; and increased to 30·16 in. by the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 3, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
21st October, 1878.

United Kingdom.

During last week 6095 *births* and 3371 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality from all causes was at the average rate of 21 deaths annually in every 1000 persons living. The annual death-rate was 16 per 1000 in Edinburgh, 21 in Glasgow, and 25 in Dublin; small-pox caused 9 deaths in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Plymouth 13, Bradford 16, Brighton 16, Bristol 17, Norwich 18, Leicester 18, Nottingham 19, Portsmouth 19, London 20, Wolverhampton 21, Newcastle-upon-Tyne 21, Salford 21, Birmingham 23, Manchester 23, Leeds 23, Sheffield 23, Sunderland 24, Oldham 25, Liverpool 27, and the highest rate during the week 29 in Hull. The annual death-rate from the seven principal zymotic diseases averaged 3·3 per 1000 in the twenty towns, and ranged from 0·0 and 1·5 in Norwich and Brighton, to 7·4 and 7·8 in Birmingham and Oldham. Scarlet fever showed the greatest fatality in Birmingham, Liverpool, Oldham, and Sheffield. The deaths referred to fever (principally enteric or typhoid) in the twenty towns were 80, against 91 and 87 in the two preceding weeks; they were proportionally most numerous in Oldham, Portsmouth, Salford, and Hull. Small-pox caused 5 deaths in London, but not one in any of the nineteen provincial towns. Three fatal cases of diphtheria were registered in Plymouth.

London.

In London 2558 births and 1369 deaths were registered. Allowing for increase of population, the births exceeded by 96, whereas the deaths were 90 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which had been equal to 19·8 and 20·7 per 1000 in the two preceding weeks, was last week 20·0.

The 1369 deaths included 5 from small-pox, 10 from measles, 45 from scarlet fever, 12 from diphtheria, 33 from whooping-cough, 30 from different forms of fever, and 36 from diarrhœa; thus to the seven principal diseases of the zymotic class 171 deaths were referred, against 190 and 191 in the two preceding weeks. These 171 deaths were 89 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 2·5 per 1000. The 45 fatal cases of scarlet fever exceeded the numbers in recent weeks, although they were 60 below the corrected average; 6 occurred in Hackney, 3 in Kentish Town, 5 in Shoreditch, and 5 in Lambeth. The Metropolitan Asylum Hospitals contained 107, and the London Fever Hospital 54, scarlet fever patients on Saturday last. The 10 deaths from measles were also considerably below the average. The fatal cases of diphtheria, which had been 20 and 17 in the two previous weeks, further declined to 12 last week, although they exceeded the corrected average by 4; no less than 7 occurred in the South group of districts, including 2 in Guy's Hospital (both cases having been admitted from Southwark), 2 in Peckham, one in Newington, one in Lambeth, and one in Lee. The deaths referred to fever, which had been 28 and 34 in the two preceding weeks, were 30 last week; 2 fatal cases were certified as typhus, 24 as enteric or typhoid, and 4 as simple continued fever. The 2 deaths certified from typhus fever were recorded at 1, Jane Street, Bethnal Green, and at 18, Green Bank, Southwark; they were of children aged respectively 4 years and 6 years. The 24 deaths from enteric or typhoid fever included 5 in Hackney, and 2 in Bermondsey. The Metropolitan Asylum Hospitals contained 123 enteric fever patients on Saturday last, of which 23 were admitted during the week; and 13 were under treatment in the London Fever Hospital.

The fatal cases of small-pox, which had been 4 and 5 in the two previous weeks, were again 5 last week, of which 3 occurred in the Metropolitan Asylum at Deptford, and 2 in private dwelling-houses. The three hospital cases included an adult aged 27 years, and a child aged 4 years, both admitted from Saint Saviour's, Southwark, also a child aged 4 years admitted from Camberwell; these three cases were certified as unvaccinated. The unvaccinated infant of a lath-render, aged one year, died of small pox, at 17, London Street, Bethnal Green; and a child aged 4 years, at 33, Star Corner, Bermondsey, was certified to bear indistinct vaccination marks. The Metropolitan Asylum Hospitals contained 91 small-pox patients on Saturday last, or 8 less than the number at the end of the previous week; only 8 new cases were admitted to these hospitals during the week, against 15 in each of the two preceding weeks. The Highgate Small-pox Hospital contained but one patient on Saturday last.

The 36 deaths from diarrhœa, of which 34 were of children under five years of age, showed a further decline from the numbers in recent weeks, but exceeded the corrected weekly average by one.

The deaths referred to diseases of the respiratory organs, which had risen from 158 to 286 in the six preceding weeks, further rose to 326 last week, and exceeded the corrected average by 66; 216 resulted from bronchitis, and 73 from pneumonia.

Different forms of violence caused 50 deaths; 41 were the result of negligence or accident, including 16 from fractures and contusions, 3 from burns and scalds, 2 from drowning, and 17 of infants under one year of age from suffocation. The 16 deaths from fractures and contusions were thus caused:—female aged 57 years, run over by carriage; male 4, run over by cab; female 73, run over by cart; male 60, crushed between cart and wagon; female 55, run over by costermonger's barrow; male 28, fall of horse; male 37, by leaping from train in motion; female 64, run over on South-Western Railway; male 14, crushed by printing machine; males 34 and 40, and female 81, fell down stairs; male 47, fell from scaffold; male 51, by fall of cases of currants upon him; male 64, and female 84, by falls (not stated how). An inquest was held in each of these cases.

In the large Public Institutions 262 deaths were recorded, or 19 per cent. of the total deaths; of these 142 occurred in Workhouse Establishments, 114 in Hospitals, and 6 in Lunatic Asylums.

Greater London.

In the Greater London 3111 births and 1635 deaths were registered, equal to annual rates of 36·5 and 19·2 per 1000 of the population. In the Outer Ring, 14 deaths were referred to scarlet fever, and 8 to fever, principally enteric; the latter included 2 in Tottenham and 2 in Stratford.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 33, Bombay 32, Madras 50; Paris 21; Geneva 21; Brussels 23; Amsterdam 20, Rotterdam 24, The Hague 22; Copenhagen 19; Stockholm 18; Christiania 19; St. Petersburgh 30; Berlin 28, Hamburg 27, Dresden 20, Breslau 29; Vienna 25; Buda-Pesth 39; Rome 22, Naples 25, Turin 25; Alexandria 48; New York 23, Brooklyn 21, Philadelphia 16, and Baltimore 16. Small-pox caused 26 deaths in St. Petersburgh.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·84 in.; the highest reading was 30·18 in. on Sunday, and the lowest 29·59 in. on Friday. The mean temperature of the *air* was 51°·9, and 1°·9 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean on Sunday 13th was 50°·2 and 0°·5 below the average, whereas an excess of temperature prevailed on each of the other days of the week; the warmest day was Wednesday, when the mean was 53°·5, and exceeded the average by 3°·5. The lowest night temperature was 36°·4 on Sunday, and the highest day temperature in the shade 62°·4 on the same day; the extreme range in the week was, therefore, 26°·0. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 113°·0 on Monday. The difference between the mean *dew-point* and *air* temperature averaged 4°·7. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 56°·2. The mean degree of *humidity* of the air was 85, complete saturation being represented by 100. The general direction of the *wind* was Easterly, and the horizontal movement of the air averaged 6·5 miles per hour, which was 5·0 below the average in the corresponding week of 16 years. No rain was measured during the week. The duration of registered bright sunshine in the week was 18·0 hours, the sun being above the horizon during 74·2 hours; the recorded duration of sunshine was, therefore, equal to 24 per cent. of its possible duration. The amount of ozone in the air was below the average.

Table 1.—Births and Deaths registered, and Meteorology,* in 23 Towns of the United Kingdom, during the Week ending Saturday, 19th October, 1878.

Cities and Boroughs. (*Municipal Boundaries, except for* London *and* Dublin.)	Area in Acres, exclusive of tidal water and foreshore.	Population estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 19th October, 1878. Births.	Deaths.	Temperature of the Air. (Fahrenheit.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Temperature of the Air. (Centigrade.) Weekly Mean of the Daily Mean Values.	Rain-fall. In Inches.	In Centimetres.
In 23 Towns in the United Kingdom	220,307	8,373,953	38·0	6095	3371	65·0	36·4	51·3	10·73	0·08	0·20
London	75,362	3,577,304	47·5	2558	1369	62·4	36·4	51·9	11·06	0·00	0·00
Brighton	2,354	103,923	44·1	69	32	63·0	40·7	51·7	10·95	0·58	1·47
Portsmouth	4,486	129,461	28·9	83	47	–	–	–	–	–	–
Norwich	7,472	84,620	11·3	67	29	61·2	41·0	52·7	11·50	0·00	0·00
Plymouth	1,395	73,599	52·8	43	18	63·5	45·0	52·3	11·28	0·10	0·25
Bristol	4,452	206,419	46·4	134	69	59·7	37·0	49·8	9·89	0·16	0·41
Wolverhampton	3,396	74,240	21·9	48	30	58·0	33·6	49·2	9·55	0·10	0·25
Birmingham	8,400	383,117	45·6	310	166	–	–	–	–	–	–
Leicester	3,200	121,473	38·0	97	43	60·0	39·5	49·7	9·83	0·02	0·05
Nottingham	9,960	165,267	16·6	125	59	60·4	37·0	50·3	10·17	0·11	0·28
Liverpool	5,210	532,681	102·2	381	275	58·9	43·4	50·5	10·28	0·18	0·46
Manchester	4,293	360,514	84·0	296	158	–	–	–	–	–	–
Salford	5,170	170,251	32·9	157	70	64·0	38·0	50·7	10·39	0·05	0·13
Oldham	4,666	107,366	23·0	74	52	–	–	–	–	–	–
Bradford	7,220	185,088	25·6	122	56	59·2	43·0	50·5	10·28	0·00	0·00
Leeds	21,572	304,948	14·1	245	134	61·0	40·0	50·8	10·45	0·00	0·00
Sheffield	19,651	289,537	14·7	235	127	63·0	40·5	50·2	10·11	0·03	0·08
Hull	3,635	143,139	39·4	135	80	59·0	39·0	51·4	10·78	0·11	0·28
Sunderland	2,768	112,459	40·6	97	51	65·0	46·0	53·5	11·95	0·01	0·03
Newcastle-on-Tyne	5,371	144,570	26·9	110	59	–	–	–	–	–	–
Edinburgh	4,191	222,371	53·1	155	67	61·0	43·5	51·2	10·67	0·00	0·00
Glasgow	6,033	566,940	94·0	389	231	59·7	48·7	54·4	12·44	0·00	0·00
Dublin	10,050	314,666	31·3	165	149	64·6	39·8	53·4	11·89	0·02	0·05

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.

† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

Table 2.—Deaths and Rate of Mortality in 20 large English Towns, having an estimated population of 7,269,976 persons, and in Dublin, during the Week ending Saturday, 19th October, 1878.

Boroughs, &c. (*Municipal Boundaries, except for* London *and* Dublin.)	Annual Rate of Mortality per 1000 living. From All Causes.	From Seven Zymotic Diseases.	Deaths from all Causes.	The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
In 20 Towns	21·0	3·3	2924	783	480	5	22	176	22	70	80	91	119	179	422
London	20·0	2·5	1369	378	257	5	10	45	12	33	30	36	50	82	262
Brighton	16·1	1·5	32	6	8	–	–	1	–	–	1	1	1	1	2
Portsmouth	18·9	2·0	47	13	7	–	–	–	–	–	4	1	3	5	5
Norwich	17·9	0·0	29	5	11	–	–	–	–	–	–	–	–	1	3
Plymouth	12·8	2·8	18	4	3	–	–	–	3	–	–	1	–	–	3
Bristol	17·4	1·8	69	18	16	–	–	–	1	1	3	2	3	5	4
Wolverhampton	21·1	2·1	30	10	2	–	1	–	–	–	–	2	–	–	4
Birmingham	22·6	7·4	166	34	20	–	1	42	1	1	2	7	14	17	19
Leicester	18·5	2·6	43	12	8	–	–	–	–	1	2	3	–	–	6
Nottingham	18·6	1·9	59	22	15	–	–	3	1	1	–	1	2	3	5
Liverpool	26·9	6·2	275	58	22	–	3	39	–	3	10	8	11	11	42
Manchester	22·9	2·6	158	49	20	–	1	4	2	3	4	4	4	14	18
Salford	21·5	4·3	70	27	5	–	1	5	–	1	5	2	3	3	8
Oldham	25·3	7·8	52	15	10	–	1	7	1	1	4	2	2	2	5
Bradford	15·8	2·0	56	16	8	–	–	1	–	3	1	2	2	2	3
Leeds	22·9	5·0	134	34	18	–	1	9	–	10	6	3	2	4	8
Sheffield	22·9	5·0	127	35	18	–	2	13	–	6	1	6	9	12	5
Hull	29·2	4·7	80	26	18	–	–	–	–	5	4	4	5	6	8
Sunderland	23·7	2·8	51	9	9	–	1	2	–	–	1	2	2	4	6
Newcastle-on-Tyne	21·3	4·7	59	12	5	–	–	5	1	1	2	4	6	7	6
Dublin	24·7	6·3	149	18	40	9	1	8	–	3	10	7	4	5	41

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the FORTY-SECOND Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2187	2095	2072	2068	2210	2434	2556	2222	2641	2527	2301·2	2558
Males . .	1124	1061	1027	1057	1146	1274	1318	1132	1363	1258	1176·0	1287
Females .	1063	1034	1045	1011	1064	1160	1238	1090	1278	1269	1125·2	1271
TOTAL **Deaths**	1395	1476	1334	1291	1369	1283	1293	1563	1224	1403	1363·1	1369
Males . .	691	768	707	672	709	645	684	804	634	741	705·5	707
Females .	704	708	627	619	660	638	609	759	590	662	657·6	662

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the LAST THIRTEEN WEEKS.

	July 27.	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24	Aug 31.	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.
TOTAL **Deaths** - - -	1792	1877	1694	1517	1433	1365	1260	1259	1250	1355	1355	1418	1369
0—20 - -	1161	1194	1032	856	805	721	648	629	597	654	677	679	695
20—40 - -	186	205	187	176	191	163	174	193	183	214	188	198	194
40—60 - -	204	227	227	205	194	217	207	211	231	257	230	241	223
60—80 - -	209	217	208	233	202	215	189	187	198	191	216	241	206
at 80 years & upwds.	32	34	40	47	41	49	42	39	41	39	44	59	51
Deaths of children: Under 1 year -	758	812	676	534	492	397	354	331	326	336	380	344	378
Deaths of children: 1—5 - - -	302	297	256	227	232	219	213	214	195	228	208	231	228
Deaths of children: 5—20 - -	101	85	100	95	81	105	81	84	76	90	89	104	89
Deaths from 7 principal Zymotic Diseases	622	649	513	397	340	281	252	211	193	192	190	191	171
" " Smallpox - -	11	18	14	9	10	6	3	7	4	2	4	5	5
" " Measles - -	21	19	14	10	10	7	10	6	2	6	19	13	10
" " Scarlet Fever -	27	26	26	27	24	29	30	27	24	30	34	33	45
" " Diphtheria -	7	6	11	11	11	12	10	13	10	13	20	17	12
" " Whooping-cough	101	89	77	60	74	56	54	37	43	53	40	52	33
" " Typhus fever -	1	–	–	1	1	2	2	5	–	1	2	1	2
" " Enteric (or Typhoid) fever -	16	17	28	12	12	20	18	25	25	20	22	31	24
" " Simple Cont^d fever	4	4	4	4	3	1	5	2	5	6	4	2	4
" " Diarrhœa - -	434	470	339	263	195	148	120	89	80	61	45	37	36
" " Simple Cholera -	23	24	12	5	6	6	4	1	1	–	–	–	–
" " Dis. of Respiratory Organs -	151	159	155	139	141	175	158	172	215	213	247	286	326
" " Phthisis - -	169	193	173	158	169	157	145	152	161	182	182	159	168
" " Heart Diseases -	78	71	93	82	72	58	72	74	62	81	83	95	68
Violent Deaths - - -	50	50	57	59	35	59	41	43	56	52	30	51	50
Inquest Cases - - -	86	85	91	104	72	91	64	63	85	100	61	109	82
Deaths in Public Institutions	261	254	257	253	231	262	233	246	241	269	213	285	262
TEMPERATURE OF THE AIR:													
Mean - - - -	65·2°	60·5°	65·9°	62·2°	61·5°	61·8°	61·2°	59·1°	54·4°	52·2°	55·8°	56·9°	51·9°
Mean of Highest readings -	76·0	71·5	76·3	73·2	70·6	71·5	72·1	71·0	64·0	61·0	66·1	64·2	58·0
Mean of Lowest readings -	58·1	52·6	56·9	54·9	54·4	56·0	52·8	49·8	47·0	44·0	47·6	51·3	45·5
Mean Temperature of the Water of the Thames -	69·5	68·6	66·7	67·1	65·7	64·7	62·8	61·2	61·4	57·7	57·6	58·6	56·2
Humidity of the Air - -	81	77	76	79	79	85	82	79	79	85	81	78	85
Rain-fall in inches - -	0·21	0·25	2·22	1·08	0·71	1·15	0·00	0·02	0·49	0·19	0·13	0·54	0·00
Registered Sunshine (in hours)	37·6	30·7	54·5	41·1	21·5	27·5	31·2	40·1	34·6	9·6	41·0	31·3	18·0

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-SECOND Week of the Year 1878.

CAUSES OF DEATH.	Average in the Forty-second Weeks of the 10 years 1868-77.*	In the Week ending Saturday, October 19, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature -	48°·9	51°·9							
ALL CAUSES - -	1363·1	1369	378	228	89	194	223	206	51
SPECIFIED CAUSES	1358·7	1366	376	227	89	194	223	206	51
I. ZYMOTIC.									
ORDER 1.									
1. Small-pox - - -	12·2	5	-	4	-	1	-	-	-
2. Measles - - -	26·8	10	3	7	-	-	-	-	-
3. Scarlet Fever - -	98·4	45	4	27	14	-	-	-	-
4. Diphtheria - -	7·9	12	-	9	2	1	-	-	-
5. Quinsy - - -	·9	-	-	-	-	-	-	-	-
6. Croup - - -	12·9	7	1	5	1	-	-	-	-
7. Whooping-cough -	29·4	33	9	22	2	-	-	-	-
8. Typhus - - -	35·7	2	-	1	1	-	-	-	-
— Enteric or Typhoid Fev.		24	-	2	9	9	2	2	-
— Simple continued Fev.		4	1	1	1	-	1	-	-
9. Erysipelas - -	10·7	3	1	-	-	1	-	1	-
10. Puerperal Fev. (Metria)	5·8	3	-	-	-	3	-	-	-
11. Carbuncle - -	·7	-	-	-	-	-	-	-	-
12. Influenza - - -	1·0	-	-	-	-	-	-	-	-
13. Dysentery - -	2·8	2	-	-	-	1	1	-	-
14. Diarrhœa - - -	32·8	36	26	8	-	1	1	-	-
15. Simple Cholera - -	1·1	-	-	-	-	-	-	-	-
16. Ague - - - -	·3	-	-	-	-	-	-	-	-
17. Remittent Fever -	·5	-	-	-	-	-	-	-	-
18. Rheumatism - -	10·1	4	-	-	-	1	1	2	-
19. Other *Zymotic* Diseases	·8	-	-	-	-	-	-	-	-
ORDER 2.									
1. Syphilis - - -	9·9	10	7	3	-	-	-	-	-
2. Stricture of Urethra -	·9	1	-	-	-	1	-	-	-
3. Hydrophobia - -	·2	-	-	-	-	-	-	-	-
4. Glanders - - -	·1	-	-	-	-	-	-	-	-
ORDER 3.									
1. Privation - - -	·2	1	-	-	-	-	-	1	-
2. Want of Breast-milk	11·1	5	5	-	-	-	-	-	-
3. Purpura and Scurvy -	2·1	1	-	-	1	-	-	-	-
4. Alcoholism { *a* Del. Tremens	1·3	1	-	-	-	1	-	-	-
{ *b* Intemperance	1·9	4	-	-	-	2	2	-	-
ORDER 4.									
1. Thrush - - -	3·8	3	3	-	-	-	-	-	-
2. Worms, &c. - -	·2	1	-	-	-	-	-	1	-
II. CONSTITUTIONAL.									
ORDER 1.									
1. Gout - - - -	1·9	3	-	-	-	-	3	-	-
2. Dropsy - - -	9·0	9	2	-	-	3	3	1	-
3. Cancer - - -	33·4	38	-	-	-	3	25	10	-
4. Cancrum Oris (Noma)	·7	2	1	1	-	-	-	-	-
5. Mortification - -	2·4	4	-	-	-	-	1	2	1
ORDER 2.									
1. Scrofula - - -	9·2	8	4	1	1	1	1	-	-
2. Tabes Mesenterica -	25·7	33	15	15	2	-	-	1	-
3. Phthisis - - -	157·6	168	3	3	20	87	46	9	-
4. Hydrocephalus - -	22·9	23	11	7	5	-	-	-	-
III. LOCAL.									
ORDER 1.									
1. Cephalitis - - -	16·2	22	6	8	4	1	2	1	-
2. Apoplexy - - -	41·9	41	-	-	-	3	24	12	2
3. Paralysis - - -	26·1	32	-	-	1	3	11	12	5
4. Insanity - - -	1·6	1	-	-	-	1	-	-	-
5. Chorea - - -	·1	-	-	-	-	-	-	-	-
6. Epilepsy - - -	7·2	4	-	-	1	2	-	-	1
7. Convulsions - -	42·6	51	41	10	-	-	-	-	-
8. *Brain Disease, &c.* -	17·5	17	-	-	3	3	2	9	-
ORDER 2.									
1. Pericarditis - -	2·0	3	-	-	-	2	1	-	-
2. Aneurism - - -	4·1	6	-	-	-	2	-	4	-
3. *Heart Disease, &c.* -	67·4	59	-	-	3	7	25	19	5
ORDER 3.									
1. Laryngitis - - -	6·1	8	2	3	-	-	1	2	-
2. Bronchitis - - -	135·5	216	85	50	-	5	16	48	12
3. Pleurisy - - -	4·1	6	-	1	2	-	2	1	-
4. Pneumonia - -	77·5	73	25	19	3	9	6	10	1
5. Asthma - - -	5·3	5	-	-	-	-	-	4	1
6. *Lung Disease, &c.* -	14·7	18	7	3	2	1	1	3	1
ORDER 4.									
1. Gastritis - - -	1·5	3	1	-	-	-	1	1	-
2. Enteritis - - -	5·7	6	3	1	-	1	-	1	-
3. Peritonitis - - -	6·1	3	-	-	1	2	-	-	-
4. Ascites - - -	2·3	2	-	-	-	1	-	1	-
5. Ulceration of Intestines	2·2	6	1	-	-	3	1	1	-
6. Hernia - - -	2·3	4	-	-	-	1	2	1	-
7. Ileus - - - -	3·4	4	-	-	-	-	4	-	-
8. Intussusception -	1·3	-	-	-	-	-	-	-	-
9. Stricture of Intestines	·7	-	-	-	-	-	-	-	-
10. Fistula - - -	·5	-	-	-	-	-	-	-	-
11. *Stomach Disease, &c.* -	5·6	7	1	-	-	1	4	1	-
12. *Pancreas Disease, &c.*	—	-	-	-	-	-	-	-	-
13. Hepatitis - - -	4·6	3	-	1	-	1	-	1	-
14. Jaundice - - -	4·1	4	2	-	-	-	-	2	-
15. *Liver Disease, &c.* -	18·7	20	-	-	-	3	11	6	-
16. *Spleen Disease, &c.* -	·1	-	-	-	-	-	-	-	-
ORDER 5.									
1. Nephritis - - -	3·3	1	-	-	1	-	-	-	-
2. Ischuria - - -	·7	-	-	-	-	-	-	-	-
3. Bright's Dis. (Nephria)	13·9	11	-	1	-	2	5	3	-
4. Diabetes - - -	1·4	2	-	-	-	1	-	1	-
5. Calculus (Stone) -	·6	1	-	-	-	1	-	-	-
6. Cystitis - - -	2·1	2	-	-	-	1	1	-	-
7. *Kidney Disease, &c.* -	7·1	13	-	-	2	2	3	6	-
ORDER 6.									
1. Ovarian Dropsy -	·6	1	-	-	-	1	-	-	-
2. *Uterus Disease, &c.* -	4·5	3	-	-	-	1	2	-	-
ORDER 7.									
1. Synovitis (Arthritis)	·8	1	-	-	-	-	1	-	-
2. *Joint Disease, &c.* -	7·3	6	-	1	3	-	-	2	-
ORDER 8.									
1. Phlegmon - - -	2·6	1	-	1	-	-	-	-	-
2. Ulcer - - - -	·9	1	-	-	-	-	-	1	-
3. *Skin Disease, &c.* -	1·5	1	1	-	-	-	-	-	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth -	22·5	26	26	-	-	-	-	-	-
2. Cyanosis - - -	1·9	3	3	-	-	-	-	-	-
3. Spina Bifida - -	1·5	1	1	-	-	-	-	-	-
4. Other Malformations	2·2	-	-	-	-	-	-	-	-
5. Teething - - -	10·4	9	6	3	-	-	-	-	-
ORDER 2.									
1. Paramenia - - -	—	-	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever) - -	6·6	10	-	-	1	7	2	-	-
ORDER 3.									
1. Old Age - - -	40·0	35	-	-	-	-	-	15	20
ORDER 4.									
1. Atrophy and Debility	64·1	59	49	6	-	-	1	3	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	19·4	16	-	1	1	3	5	4	2
2. Wounds { Gunshot	·3	-	-	-	-	-	-	-	-
{ Cut, Stab		-	-	-	-	-	-	-	-
3. Burns and Scalds -	4·7	3	-	2	-	-	-	1	-
4. Poison - - -	1·1	1	-	-	-	1	-	-	-
5. Drowning - - -	4·7	2	-	-	1	1	-	-	-
6. Suffocation - -	8·0	17	17	-	-	-	-	-	-
7. Otherwise - - -	3·6	2	1	-	-	1	-	-	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	1·6	3	2	-	1	-	-	-	-
ORDER 4. SUICIDE.)									
1 Wounds { Gunshot -	·3	-	-	-	-	-	-	-	-
{ Cut, Stab -	1·2	-	-	-	-	-	-	-	-
2. Poison - - -	·6	4	-	-	-	3	1	-	-
3. Drowning - - -	1·1	-	-	-	-	-	-	-	-
4. Hanging - - -	·7	2	-	-	-	1	1	-	-
5. Otherwise - - -	·4	-	-	-	-	-	-	-	-
ORDER 5. (EXECUTION.)									
1. Hanging - - -	·2	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - -	·4	-	-	-	-	-	-	-	-
Causes not specified or ill-defined - - -	4·0	3	2	1	-	-	-	-	-

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET
during the Week ending

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public
LONDON - - -	3,254,260	2558	1369	378	257	5	10	45	12	33	2	24	4	36	50	82	26
WEST DISTRICTS - - - -	561,359	379	229	66	51	-	3	3	-	5	-	2	-	5	10	13	49
NORTH DISTRICTS - - - -	751,729	630	309	84	69	-	2	13	2	6	-	11	1	11	11	22	46
CENTRAL DISTRICTS - - -	334,369	171	127	30	18	-	-	2	2	4	-	2	-	4	5	6	36
EAST DISTRICTS - - - -	639,111	536	292	82	54	1	2	11	1	7	1	2	1	7	12	21	61
SOUTH DISTRICTS - - - -	967,692	842	412	116	65	4	3	16	7	11	1	7	2	9	12	20	70
WEST DISTRICTS.																	
St. Mary Paddington *WH* G.J. & W.M.	58728	43	22	8	5	-	-	2	-	-	-	-	-	-	2	1	1
St. John Paddington *H* - - G.J.	38085	19	15	-	4	-	-	-	-	-	-	-	-	-	3	4	5
Kensington Town *W* - - - W.M.	91645	65	31	9	8	-	2	-	-	-	-	-	-	-	-	1	4
Brompton *H* - - - W.M. & C.	28654	15	11	2	2	-	-	-	-	-	-	-	-	-	-	-	5
St. Peter Hammersmith - - W.M.	6662	3	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith *H* W.M. & G.J.	36029	29	27	7	6	-	1	1	-	1	-	-	-	-	2	2	1
Fulham *WwH* - - - W.M. & C.	23350	33	15	5	3	-	-	-	-	-	-	-	-	1	-	1	2
Chelsea South *HHH* - - - C.	26420	20	6	2	-	-	-	-	-	1	-	-	-	-	-	1	-
Chelsea North-west *WHHHH* - C.	22926	21	15	4	7	-	-	-	-	-	-	-	-	-	2	3	9
Chelsea North-east - - - C.	21392	34	8	4	1	-	-	-	-	-	-	-	-	-	-	-	-
Hanover Square *H* - - - G.J.	18698	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
May Fair *WW* - - - - G.J.	13358	4	9	3	2	-	-	-	-	-	-	-	-	1	-	-	8
Belgrave *HH* - - - - C.	57972	25	24	2	9	-	-	-	-	1	-	2	-	-	1	-	8
St. John Westminster *HH* - - C.	38478	27	11	5	1	-	-	-	-	1	-	-	-	1	-	-	1
St. Margaret Westminster *WH* - C.	27781	13	10	6	1	-	-	-	-	-	-	-	-	1	-	-	2
Golden Square *WH* - - - G.J.	12860	6	6	2	-	-	-	-	-	-	-	-	-	-	-	-	1
Berwick-street *H* - N.R. & G.J.	20759	4	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Anne Soho *HHHHH* - - N.R.	17562	12	11	5	-	-	-	-	-	1	-	-	-	1	-	-	2
NORTH DISTRICTS.																	
All Souls Marylebone *HHHH* - W.M.	28579	25	11	3	2	-	-	-	-	-	-	-	-	2	-	-	6
Cavendish Square *HH* - - - W.M.	15425	6	5	1	2	-	-	-	-	1	-	1	-	-	-	-	-
Rectory Marylebone *WH* G.J. & W.M.	26384	13	12	3	5	-	-	-	-	-	-	-	-	-	-	-	5
St. Mary Maryleb. *HHH* G.J. & W.M.	21786	15	7	5	1	-	-	-	-	-	-	-	-	1	1	1	1
Christchurch Marylebone *H* - W.M.	33944	17	17	4	1	-	-	1	-	1	-	-	1	1	-	-	-
St. John Marylebone *H* - - W.M.	33136	18	12	4	3	-	-	-	-	-	-	1	-	-	-	1	-
Hampstead *WwHH* - N.R. & W.M.	32281	16	10	-	4	-	-	-	-	-	-	1	-	-	1	1	1
Regent's Park Pancras - - - W.M.	38200	25	8	1	2	-	-	-	-	-	-	-	-	1	-	-	-
Tottenham-court *wHHH* N.R.&W.M.	29370	20	15	4	3	-	-	-	1	-	-	-	-	-	2	2	9
Gray's Inn Lane *HHH* - - N.R.	29221	18	10	2	1	-	1	-	-	-	-	-	-	-	1	1	2
Somers Town - - - - N.R.	38533	35	16	5	4	-	-	-	-	1	-	-	-	-	1	1	-
Camden Town *WH* - - - N.R.	17943	18	8	2	4	-	-	-	-	-	-	1	-	-	1	3	3
Kentish Town *w* - - - - N.R.	68198	66	31	10	7	-	-	3	-	-	-	-	-	-	1	3	4
Islington West *HHH* - - N.R.	97820	92	29	10	3	-	-	-	1	-	-	1	-	2	1	2	-
Islington East *WWwwH* - - N.R.	115958	123	51	14	10	-	-	2	-	1	-	-	-	1	1	4	6
Stoke Newington *H* - - - N.R.	9841	12	9	3	1	-	-	-	-	2	-	-	-	-	-	1	-
Stamford Hill - - - - E.L.	6598	6	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney - - - - N.R.	28069	29	6	-	3	-	-	1	-	-	-	1	-	-	-	-	-
Hackney *WwwHL* - - E.L.&N.R.	50104	50	31	7	7	-	1	5	-	-	-	3	-	1	-	-	10
South Hackney - - - - E.L.	30339	26	19	4	6	-	-	1	-	-	-	2	-	2	1	2	-
CENTRAL DISTRICTS.																	
St. George Bloomsbury - - N.R.	17853	12	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Giles South *WH* - - - N.R.	19109	13	13	2	2	-	-	-	-	1	-	-	-	-	-	1	4
St. Giles North - - - - N.R.	16594	4	9	2	1	-	-	-	-	1	-	1	-	1	-	-	-
St. Martins-in-the-Fields* - N.R. & C.	21238	13	9	3	2	-	-	-	-	-	-	-	-	1	-	-	3
St. Mary-le-Strand - - - N.R.	9378	7	2	2	-	-	-	-	-	-	-	-	-	-	1	1	-
St. Clement Danes *H* - - - N.R.	10723	4	9	3	1	-	-	-	-	-	-	1	-	-	-	-	7
St. George-the-Martyr *HHHHH* N.R.	20521	10	7	2	-	-	-	-	-	-	-	-	-	-	1	1	1
St. Andrew Eastern *W* - - N.R.	13529	3	10	-	1	-	-	-	-	-	-	-	-	-	-	-	8
Saffron Hill *H* - - - - N.R.	9066	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell *W* - - N.R.	18917	18	8	3	-	-	-	-	-	-	-	-	-	-	-	-	5
Amwell Clerkenwell - - - N.R.	16884	12	5	2	1	-	-	-	-	-	-	-	-	1	-	-	-
Pentonville - - - - - N.R.	13337	11	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Goswell-street - - - - N.R.	16242	10	5	-	1	-	-	-	1	-	-	-	-	-	-	-	-
Old-street *H* - - - - N.R.	12161	7	4	1	-	-	-	1	-	-	-	-	-	-	1	1	-
City-road *HHL* - - - - N.R.	18301	8	7	2	1	-	-	-	1	-	-	-	-	1	-	-	-
Whitecross-street - - - - N.R.	13792	6	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Finsbury - - - - - N.R.	10741	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph *H* - - - N.R.&E.L.	14540	8	5	1	2	-	-	-	-	1	-	-	-	-	-	-	-
Cripplegate - - - - - N.R.	13638	4	2	-	1	-	-	1	-	-	-	-	-	-	-	-	-
St. Sepulchre *H* - - - - N.R.	7562	1	8	-	1	-	-	-	-	-	-	-	-	-	2	2	8
St. Bride *W* - - - - - N.R.	11185	8	6	-	3	-	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard - - - - N.R.	4426	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch - - - - N.R.	6270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe - - - - - N.R.	4753	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking - - - N.R.	5764	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street *H* - - - - N.R.	7845	-	5	1	-	-	-	-	-	1	-	-	-	-	-	-	-

* On 1st August the sub-districts of Long Acre and Charing Cross were united for registration purposes under the name of St. Martins-in-the Fields sub-district.

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Work house; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stand see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifi Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East London and K. the Kent Company.

R, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
day, 19th October 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
vell Shoreditch - N R. & E.L.	12430	3	2	2	-	-	-	-	-	-	-	-	-	-	2	2	-
onard Shoreditch *HL*† - N.R.	16545	7	6	1	1	-	-	-	1	-	-	-	-	-	-	1	-
n New Town *w* - - N.R.	27835	22	6	2	1	-	-	1	-	-	-	-	-	-	-	1	2
n Old Town - - N.R.	26933	19	11	5	1	-	-	-	-	-	-	-	-	1	-	-	-
rston *WH* - - N.R. & E.L.	43421	43	23	5	2	-	-	4	-	-	-	-	-	1	-	1	5
ey-road *H* - - - - E.L.	29822	25	11	5	1	-	-	-	-	-	-	-	-	-	-	-	-
, Bethnal Green *WHL*† - E.L.	42433	38	23	3	6	-	-	2	-	-	1	-	-	-	-	-	12
h, Bethnal Green - - E.L.	26577	18	10	2	-	1	1	-	-	-	-	-	-	-	-	-	-
, Bethnal Green - - - E.L.	21272	18	4	1	1	-	-	-	-	1	-	-	-	-	-	-	-
fields *H* - - E.L. & N.R.	22499	13	7	3	1	-	-	-	-	-	-	-	-	-	-	-	-
End New Town *W* - E L.	15550	17	3	1	1	-	1	-	-	-	-	-	-	-	-	-	-
chapel North - E.L. & N.R.	11597	9	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
chapel Church *H* - - E.L.	7322	5	25	1	4	-	-	-	-	-	-	-	-	-	5	5	21
nan's Fields - - - E.L.	10381	6	7	3	2	-	-	-	-	-	-	-	-	-	-	1	-
te - - - - N.R. & E.L.	9224	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ary St. George East - - E.L.	17900	11	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-
ul St. George East - - E.L.	21350	13	11	7	1	-	-	-	-	-	-	1	-	1	1	1	-
hn St. George East *W* - E.L.	8802	3	11	1	6	-	-	-	-	-	-	-	-	-	-	-	10
vell *H* - - - E.L. & N.R.	11640	5	6	-	5	-	-	-	-	-	-	-	-	-	-	-	-
ff - - - - - - E.L.	16131	14	4	2	1	-	-	-	-	-	-	-	-	-	1	1	-
ouse - - - - - - E.L.	29919	23	14	8	-	-	-	1	-	-	-	-	1	-	1	2	-
End Old Town West - - E.L.	38128	26	9	2	2	-	-	-	-	-	-	-	-	-	1	2	-
End Old Town East *WwwH* - E.L.	55024	47	32	10	6	-	-	1	-	2	-	-	-	1	1	2	2
wwwH - - - - - - E.L.	67765	89	35	8	8	-	-	2	-	-	-	1	-	2	-	1	9
: *WW* - - - - - - E.L.	48611	57	27	7	3	-	-	-	-	4	-	-	-	1	-	1	-
SOUTH DISTRICTS.																	
church Southwark *WH* L. & S.	14573	11	4	1	1	-	-	-	-	-	-	-	1	-	-	-	1
viour Southwark *H* - - S.	15677	11	8	1	-	-	-	-	-	-	-	-	-	-	1	1	-
road - - - S. & L.	20421	15	7	3	1	-	-	1	-	-	-	-	-	-	-	-	-
gh-road *WH* - - S. & L.	16695	13	8	3	-	-	-	1	-	-	-	-	-	-	-	-	2
n-road *HL* - - L. & S.	18961	13	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-
y Newington - - S. & L.	23682	15	11	3	2	-	-	-	1	1	-	-	-	1	-	-	-
ter Walworth *W* - S. & L.	48248	40	18	4	7	-	-	-	-	-	-	-	-	-	-	-	3
ary Newington - - L. & S.	16792	15	8	2	2	-	1	1	-	-	-	-	-	-	-	-	-
ve Southwark *H* - - S.	4373	1	21	2	-	-	-	-	2	-	1	-	-	-	3	3	18
n Horsleydown *W* - - S.	10500	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
er Market - - S. & L.	16787	12	8	1	1	-	-	-	-	-	-	1	-	-	-	-	-
ry Magdalen *W* - - S.	15709	12	9	4	1	1	1	-	-	-	-	-	-	1	-	-	2
nes Bermondsey - - S.	47933	32	12	2	1	-	-	1	-	-	-	1	-	1	-	-	-
hithe *W* - - - S. & K.	27096	29	9	4	2	-	-	-	-	1	-	1	-	-	-	-	2
loo-road 1st *H* - - L. & S.	14074	13	8	3	-	-	-	-	-	1	-	-	-	-	-	-	-
loo-road 2nd *H* - - L. & S.	18465	20	6	2	1	-	-	-	-	-	-	1	-	-	-	1	-
eth Church 1st *H* - L. & S.	19492	19	12	4	1	-	-	-	1	-	-	-	-	-	1	1	4
eth Church 2nd *WW* - L. & S.	35833	29	20	2	5	-	-	-	-	-	-	-	1	-	-	-	12
ngton 1st - - - S. & L.	41286	29	24	8	3	-	-	4	-	-	-	-	-	1	-	2	-
ngton 2nd - - - S. & L.	31221	27	7	2	2	-	-	-	-	-	-	-	-	-	-	1	-
n *w* - - - - L. & S.	35435	35	17	5	2	-	-	4	-	-	-	2	-	1	1	1	5
od *W* - - - - L.	12536	5	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-
m *H* - - - - - S.	27347	19	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
sea *Ww* - - - - S.	54016	85	30	14	6	-	-	-	-	-	-	1	-	1	-	1	2
sworth *HL* - - - S.	19783	17	6	3	-	-	-	-	-	1	-	-	-	-	-	-	2
y - - - - - - S.	9439	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
ham - - - - - L.	14475	13	5	1	2	-	1	-	-	-	-	-	-	-	-	-	-
ch - - - - L. & S.	4041	1	3	1	-	-	-	-	-	1	-	-	-	-	1	1	-
rwell *WL*†*L*† - - S. & L.	31254	34	17	3	4	-	-	-	-	-	-	-	-	1	-	1	6
am *W* - - S., L., & K.	42160	62	16	3	5	-	-	2	2	-	-	-	-	-	-	2	-
orge Camberwell - - L. & S.	33851	35	16	6	1	-	-	-	-	1	-	-	-	1	1	1	-
ul Deptford *w* - - - K.	53714	57	23	8	2	3	-	-	-	-	-	-	-	1	-	-	3
cholas Deptford - - - K.	6474	2	3	1	-	-	-	-	-	-	-	-	-	-	1	1	-
wich West - - - - K.	21034	7	9	2	3	-	-	-	-	-	-	-	-	-	-	-	-
wich East *WH* - - - K.	19378	7	10	-	4	-	-	-	-	1	-	-	-	-	-	-	6
n *H* - - - - - K.	4539	3	3	1	1	-	-	-	-	1	-	-	-	-	-	-	-
- - - - - - K.	16440	12	6	2	-	-	-	-	1	-	-	-	-	-	1	1	-
nam Village *WH* - - K.	11513	14	3	1	-	-	-	1	-	-	-	-	-	-	-	-	-
nam *H* - - - - L.	19065	10	9	1	1	-	-	-	-	-	-	-	-	-	-	-	-
on *H* - - - - - K.	9564	8	4	2	1	-	-	1	-	-	-	-	-	-	1	1	-
ich Dockyard - - - K.	17226	11	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
ich Arsenal *WHH* - - K.	18331	18	11	2	1	-	-	-	-	3	-	-	-	-	1	1	-
ead, West - - - - K.	13027	6	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
ead, East *W* - - - K.	15232	13	6	2	-	-	-	-	-	-	-	-	-	-	-	-	2

ollowing WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the
'able by *w*:—

tral London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
ndon City Workhouse in Islington East sub-district.
born Infirmary " " "
ndon City Workhouse " Hackney sub-district.
born " " Hoxton New Town sub-district.
itechapel " " Mile End Old Town Eastern sub-dist.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 19th October 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age.	Deaths of Persons aged 60 Years & upwds.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
	LONDON—OUTER RING	368,414	631,381	553	266	70	56	-	-	14	-	7	8	8	11	13
29 : 1	Carshalton *wL* - - -	12228	13523	5	8	1	2	-	-	-	-	-	-	-	-	-
2	Epsom (*part of*) * *WH* -	9971	9145	4	2	-	-	-	-	-	-	-	-	-		-
36 : 1	Godstone (*part of*) * - -	2754	900	3	-	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	48	24	7	7	-	-	-	-	-	1	1	1	-
2	Mitcham *WH* - - -	11697	12534	12	3	-	-	-	-	-	-	-	-	-	-	-
38 : 1	Wimbledon *HH* - -	3220	9087	9	4	2	-	-	-	-	-	1	-	-	-	-
2	Kingston *WH* - - -	8549	27489	22	10	1	3	-	-	1	-	-	-	-	2	2
3	Esher (*part of*) * - -	6601	7353	8	3	-	1	-	-	-	-	-	-	-	-	-
4	Hampton - - - -	4573	10185	8	3	2	1	-	-	-	-	-	-	1	-	-
39 : 1	Richmond *WH* - - -	2271	16829	8	7	-	3	-	-	-	-	-	-	-	-	-
2	Mortlake - - - -	2961	9316	10	4	1	1	-	-	-	-	-	-	-	-	-
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	16	6	1	1	-	-	-	-	-	-	-	1	1
2	Chislehurst (*part of*) * *W* -	13665	10028	10	1	-	1	-	-	-	-	-	-	-	-	-
41 : 1	Bexley *H* - - - -	13439	19566	13	10	1	1	-	-	2	-	-	1	-	1	1
123 : 1	Sunbury *W* - - -	11055	9860	7	1	-	1	-	-	-	-	-	-	-	-	-
2	Staines *W* - - - -	13277	10339	7	2	1	1	-	-	-	-	-	-	-	-	-
124 : 1	Hillingdon *WH* - - -	6029	9712	10	3	1	1	-	-	-	-	-	-	-	1	1
2	Uxbridge - - - -	6178	5329	1	3	-	2	-	-	-	-	-	-	-	-	-
3	Hayes *WL* - - - -	14587	10497	5	4	2	-	-	-	-	-	-	-	-	-	-
125 : 1	Isleworth *W* - - -	7008	19930	15	7	2	1	-	-	-	-	-	-	-	1	1
2	Twickenham - - -	2477	10533	7	3	1	2	-	-	-	-	-	-	-	-	-
3	Brentford *HL* - - -	4370	20279	19	12	4	3	-	-	2	-	-	-	-	-	1
4	Chiswick - - - -	1311	8508	8	7	-	2	-	-	-	-	-	-	1	-	1
5	Acton *WH* - - - -	6087	12683	16	9	2	-	-	-	1	-	-	-	2	1	1
126 : 1	Harrow *H* - - - -	13809	10869	9	1	-	-	-	-	1	-	-	-	-	-	-
2	Edgware *H* - - -	6994	3450	2	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	16	7	-	3	-	-	1	-	1	-	-	1	1
4	Hendon *WH* - - -	8382	6972	9	1	1	-	-	-	-	-	-	-	-	-	-
127 : 1	South Mimms - - -	15419	5924	4	2	-	1	-	-	-	-	-	-	-	-	-
2	Barnet *W* - - - -	5423	7752	5	5	1	2	-	-	-	-	-	-	-	-	1
3	Finchley *L* - - - -	4688	11493	5	10	1	3	-	-	1	-	1	-	-	-	-
128 : 1	Hornsey *H* - - - -	3039	19357	29	14	6	1	-	-	2	-	-	-	-	-	-
2	Tottenham *H* - - -	4642	22869	25	9	2	1	-	-	1	-	-	2	-	-	-
3	Edmonton *WW* - - -	7483	13860	13	4	2	1	-	-	-	-	1	-	-	-	-
4	Enfield *WH* - - -	12653	16054	11	5	-	1	-	-	1	-	-	-	-	-	-
5	Waltham Abbey - - -	11017	5197	3	1	-	-	-	-	-	-	-	-	-	1	1
6	Cheshunt - - - -	8493	7518	3	-	-	-	-	-	-	-	-	-	-	-	-
134 : 1	Hatfield (*part of*) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	3	4	1	2	-	-	-	-	-	-	-	-	-
185 : 1	Stratford - - - -	882	23286	21	15	5	2	-	-	1	-	-	2	-	-	-
2	West Ham *WWWW* - -	7345	44642	76	24	11	5	-	-	-	-	1	1	2	1	1
3	Leyton *WW* - - -	4274	15513	7	11	1	-	-	-	-	-	-	-	1	-	-
4	Walthamstow *H* - -	6619	15701	17	3	2	-	-	-	-	-	-	-	-	-	-
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	9	7	3	-	-	-	-	-	2	1	-	-	-
188 : 1	Romford (*part of*) * - -	6730	2879	4	1	1	-	-	-	-	-	-	-	-	-	-
2	Ilford - - - - -	8492	5947	4	2	1	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	7	4	3	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Godst sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 96 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoydon- (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 19th October, 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	
EATER LONDON	446,494	4,450,015	19·2	2·4	1635	448	313	5	10	59	12	40	38	44	61	286
INNER LONDON -	78,080	3,577,304	20·0	2·5	1369	378	257	5	10	45	12	33	30	36	50	262
OUTER RING -	368,414	872,711	15·9	2·2	266	70	56	–	–	14	–	7	8	8	11	24

TE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal 7·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area 8,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, ich 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than les to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,758,933 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	September 7	–	271	32·9	Small-pox 6.
BOMBAY - -	644,405	" 17	–	501	31·9	Remittent fever 153.
MADRAS - -	397,552	August 30	311	386	50·4	Fevers 88.
PARIS - -	1,988,806	October 17	–	818	21·4	Typhoid fever 31.
GENEVA - -	68,792	" 12	29	27	20·5	—
BRUSSELS - -	175,782	" 5	130	76	22·6	Whooping-cough 5.
AMSTERDAM -	302,266	" 5	213	116	19·9	Typhus and typhoid fever 4.
ROTTERDAM -	142,585	" 5	103	66	24·0	Scarlet fever 4.
THE HAGUE -	107,896	" 5	74	45	21·6	—
COPENHAGEN -	220,000	" 15	156	81	19·2	Diphtheria 2.
STOCKHOLM -	152,825	" 5	–	52	17·7	Typhoid fever 2.
CHRISTIANIA -	105,000	" 12	60	39	19·0	Scarlet fever 2; diphtheria and croup 2.
ST. PETERSBURGH	669,741	" 5	–	390	30·3	Small-pox 26; typhus & typhoid fever 26.
BERLIN - -	1,019,620	September 28	890	550	27·7	Scarlet fever 32; diphtheria 23.
HAMBURG (State)	406,104	October 5	314	212	27·2	Scarlet fever 4.
DRESDEN - -	207,845	" 5	165	82	20·3	—
BRESLAU - -	267,000	" 12	246	148	28·8	Scarlet fever 7.
MUNICH - -	222,000	" 12	–	–	–	—
VIENNA - -	727,271	" 12	462	354	25·3	Diphtheria 23.
BUDA-PESTH -	319,530	" 5	236	238	38·7	Scarlet fever 5; small-pox 4.
ROME - -	282,214	September 7	149	118	21·8	Typhus and typhoid fever 4.
NAPLES - -	457,407	" 9	–	223	25·4	Small-pox 2; typhus 7.
TURIN - -	227,843	October 5	153	110	25·2	Small-pox 5; typhoid fever and typhus 6.
VENICE - -	139,796	" 12	–	–	–	—
ALEXANDRIA -	212,034	" 3	199	197	48·5	Whooping-cough 8.
NEW YORK -	1,084,528	September 21	–	474	22·8	Diphtheria 15; whooping-cough 11.
BROOKLYN -	549,438	" 21	–	225	21·3	Diphtheria 13.
PHILADELPHIA -	876,118	" 28	–	276	16·4	Diphtheria 13; typhoid fever 7.
BALTIMORE -	355,000	" 28	–	108	15·9	—

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 19th OCTOBER, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Difference. Greatest.	Difference. Least.	Difference. Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure on square foot. Greatest.	Osler's. Pressure on square foot. Least.	Osler's. Pressure on square foot. Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
OCTOBER. SUN.	13	..	30·139	62·4	36·4	26·0	50·2	42·8	110·9	29·7	58·3	55·3	7·4	17·1	0·0	− 0·5	76	SW. SSE. & S.	SSW. & SE.	0·3	0·0	0·0	136	−128	0·00	7·2
MON.	14	..	29·946	61·2	39·9	21·3	51·7	41·9	113·0	32·0	57·7	55·3	9·8	20·5	0·0	+ 1·3	70	SE. & ESE.	ESE. & E.	1·8	0·0	0·2	243	− 27	0·00	3·8
TUES.	15	..	29·821	57·8	44·8	13·0	52·0	48·4	72·1	37·3	57·3	55·1	3·6	7·6	0·6	+ 1·8	88	E. & ENE.	E. & NE.	0·2	0·0	0·0	152	−122	0·00	2·0
WED.	16	Greatest Dec. N.	29·896	56·1	51·3	4·8	53·5	52·1	60·7	50·5	57·3	55·3	1·4	3·0	0·0	+ 3·5	95	NE. ENE. & E.	ESE. SSE. & Calm	0·0	0·0	0·0	46	−232	0·00	0·0
THURS.	17	..	29·812	56·1	48·2	7·9	51·2	51·0	74·2	39·3	57·3	55·3	0·2	2·9	0·0	+ 1·4	99	Calm	NE. E. & ESE.	0·0	0·0	0·0	54	−227	0·00	0·0
FRI.	18	..	29·642	54·1	47·9	6·2	51·6	46·0	67·1	39·8	56·9	54·3	5·6	8·0	0·0	+ 1·9	82	ENE. & E.	E.	2·4	0·0	0·2	271	− 12	0·00	2·5
SAT.	19	Last Qr.	29·611	58·4	49·8	8·6	53·2	48·6	94·7	44·0	56·1	54·1	4·6	8·2	0·4	+ 3·7	84	E. & ESE.	E. & ENE.	1·4	0·0	0·0	192	− 92	0·00	5·5
MEANS		..	29·838	58·0	45·5	12·5	51·9	47·3	84·7	38·9	57·3	55·0	4·7	9·6	0·1	+ 1·9	85	E.		..	..	..	Sum 1094	Sum −840	Sum 0·00	3·0
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. OCTOBER.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY	13	Weak positive.	7·6	10·8	A very fine day. Light clouds prevailed.
MONDAY	14	Weak positive in the afternoon.	8·6	10·7	Very fine; cloudless throughout.
TUESDAY	15	No electricity was shown.	0·0	10·7	Overcast.
WEDNESDAY	16		0·0	10·6	Overcast generally. Fog at night.
THURSDAY	17		0·0	10·5	Partially cloudy. Very foggy during the greater part of the day.
FRIDAY	18		0·5	10·5	Generally cloudy till evening; cloudless at night.
SATURDAY	19		1·3	10·4	Generally cloudy.
..		..	Sum 18·0	Sum 74·2	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eve-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and − "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Sir E. Y. W. Henderson, R.E., K.C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun-Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
October 28th, 1878.

United Kingdom.

During last week 5697 *births* and 3458 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality from all causes was at the average rate of 22 deaths annually in every 1000 persons living. The annual death-rate was 19 per 1000 in Edinburgh, 21 in Glasgow, and 24 in Dublin; small-pox caused 5 deaths in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Portsmouth 13, Norwich 15, Wolverhampton 15, Bristol 16, Leicester 16, Nottingham 17, Bradford 19, Hull 20, Plymouth 20, Brighton 20, London 21, Sheffield 21, Leeds 23, Salford 23, Sunderland 23, Newcastle-upon-Tyne 24, Manchester 24, Birmingham 26, Liverpool 28, and the highest rate during the week 29 in Oldham. The annual death-rate from the seven principal zymotic diseases averaged 3·3 per 1000 in the twenty towns, and ranged from 0·0 and 0·5 in Plymouth and Bristol, to 5·8 and 8·4 in Oldham and Birmingham. Scarlet fever caused a death-rate equal to 6·8 per 1000 in Birmingham, and the disease also showed excessive fatality in Liverpool, Sunderland, Oldham, and Newcastle-upon-Tyne. The deaths referred to fever, principally enteric or typhoid, were proportionally most numerous in Portsmouth, Salford, Hull, and Brighton. Four fatal cases of small-pox were recorded in London, one in Oldham, and not one in any of the eighteen other large towns.

London.

In London 2500 births and 1446 deaths were registered. Allowing for increase of population, the births were 55 above, and the deaths 51 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which had been equal to 20·7 and 20·0 per 1000 in the two preceding weeks, rose last week to 21·1.

The 1446 deaths included 4 from small-pox, 18 from measles, 46 from scarlet fever, 12 from diphtheria, 33 from whooping-cough, 30 from different forms of fever, and 30 from diarrhœa; thus to the seven principal diseases of the zymotic class 173 deaths were referred, against 191 and 171 in the two preceding weeks. These 173 deaths were 86 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 2·5 per 1000. The 46 fatal cases of scarlet fever showed a further slight increase upon the numbers in recent weeks, but were 56 below the corrected average; 8 occurred in Fulham, 6 in Islington, 6 in Hackney, and 6 in Camberwell. The fatal cases of scarlet fever included one, on 21st inst., at 71, Lucey Road, Bermondsey, making the fourth death that has occurred in this house since 5th inst.; the death of a female aged 5 years was referred to convulsions, on 6th, that of an infant aged 11 months, to teething-diarrhœa and tonsillitis on 13th; and that of a male aged 3 years, to scarlet fever on 16th. The Metropolitan Asylum Hospitals contained 117, and the London Fever Hospital 64, scarlet fever patients on Saturday last. The 18 deaths from measles exceeded those in the previous week by 8, and included 4 in Shoreditch and 4 in Lambeth. The 33 deaths from whooping-cough, of which 7 occurred in Pancras, corresponded with the number in the previous week, and somewhat exceeded the corrected average. The fatal cases of diphtheria, which had been 20, 17, and 12 in the three preceding weeks, were again 12 last week, and exceeded the corrected average by 3; 6 occurred in South London, where 6 of the 13 deaths referred to croup in London were also registered. The fatal cases of fever, which had been 34 and 30 in the two previous weeks, were again 30 last week, all being certified as enteric or typhoid; 2 occurred in Marylebone, 3 in Pancras, 4 in Hackney, 2 in the City, 5 in Bow (including 2 at 34, Goodliff Street, Bromley), 3 in Newington, and 2 in Lambeth.

The Metropolitan Asylum Hospitals contained 140 enteric fever patients on Saturday last, of whom 24 were admitted during the week; and 13 were under treatment in the London Fever Hospital.

The fatal cases of small-pox, which had been 5 in each of the two previous weeks, were 4 last week; one occurred in the Metropolitan Asylum at Deptford (admitted from Greenwich), and 3 in private dwelling-houses. The hospital case was of an unvaccinated adult aged 52 years. Two unvaccinated children of a pork butcher, aged 4 and 14 years, died at 89, Paradise Street, Rotherhithe; and the fourth fatal case was of the infant child of a labourer, aged 11 months, at 27, James Street, Newington, the medical certificate relating to which contained no information as to vaccination. The Metropolitan Asylum Hospitals contained 97 small-pox patients on Saturday last, showing an increase of 6 upon the number at the end of the previous week; 21 new cases were admitted to these Hospitals during the week, against 15 and 8 in the two preceding weeks. The Highgate Small-pox Hospital contained no patient on Saturday last.

The deaths from lung diseases, which in the seven preceding weeks had increased from 158 to 326, further rose last week to 347, and exceeded the corrected average by 46; 225 resulted from bronchitis, and 90 from pneumonia.

Different forms of violence caused 63 deaths; 57 were the result of negligence or accident, including 28 from fractures and contusions, 6 from burns and scalds, 4 from drowning, 5 from poison (including that of a painter from lead-poisoning), and 3 of infants under one year of age from suffocation. The 28 deaths from fractures and contusions were thus caused:—males aged 2, 6, 31, 37, and 38, and female aged 89 years, run over by vans or carts; male 32, knocked down by tram-car; male 61, run over on London and North-Western Railway; males 36 and 37, run over on railway (railway not stated); males 42 and 45, and female 72, fell down stairs; male 21, fell from window; males 25 and 49, fell from scaffolds; female 55, fell down area; male 17, by fall of lift; female 54, fell in back-yard; males 2, 4, 5, and 42, and female 95, by falls (not stated how); male 8 months, by concussion of brain (not stated how); male 62, by fracture of skull (not stated how); and males 37 and 43, by fractures of ribs (not stated how). An inquest was held in each of these 28 cases, except the last 3, which were certified by registered medical practitioners. The death of a gentleman aged 71 years, at Sydenham, was referred to "wasp-sting, diabetes, blood poisoning."

Greater London.

In Greater London 2987 births and 1711 deaths were registered, equal to annual rates of 35·0 and 20·1 per 1000 of the population. In the Outer Ring, 10 deaths were referred to scarlet fever, of which 6 occurred in Brentford; the 5 fatal cases of diphtheria included 2 in Hornsey. Two deaths from enteric fever were registered in Croydon.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 33, Bombay 36, Madras 57; Paris 20; Geneva 23; Brussels 22; Amsterdam 22, Rotterdam 26, The Hague 28; Copenhagen 17; Stockholm 17; Christiania 18; St. Petersburgh 33; Berlin 30, Hamburg 26, Dresden 23, Breslau 28, Munich 31; Vienna 23, Buda-Pesth 40; Rome 20, Naples 22, Turin 27, Venice 26; Alexandria 50; New York 24, Brooklyn 21, Philadelphia 15, and Baltimore 18. Small-pox caused 28 deaths in St. Petersburgh.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·21 in.; the highest reading was 29·66 in. on Sunday morning, and the lowest 28·86 in. on Saturday morning. The mean temperature of the *air* was 50°·3, and 2°·1 above the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was below the average on Tuesday, Wednesday, and Saturday, whereas an excess prevailed on each of the other days of the week; on Monday the mean was 57°·9, and 8°·9 above the average, while on Saturaay it fell to 46°·5, and was in defect by 0°·7. The lowest night temperature was 39°·5 on Saturday, and the highest day temperature in the shade 65°·4 on Monday; the extreme range in the week was, therefore, 25°·9. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 104°·8 on Wednesday. The difference between the mean *dew-point* and *air* temperature averaged 4°·6. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police ship, was 54°·7. The mean degree of *humidity* of the air was 85, complete saturation being represented by 100. The general direction of the *wind* was south-westerly, and the horizontal movement of the air averaged 13·3 miles per hour, which was 2·1 above the average in the corresponding week of 16 years. *Rain* fell on four days of the week, to the aggregate amount of 0·98 of an inch. The duration of registered bright sunshine in the week was 15·6 hours, the sun being above the horizon during 71·1 hours; the recorded duration of sunshine was, therefore, equal to 22 per cent. of its possible duration. The largest proportion of ozone was recorded on Monday.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, 26th October 1878.

CITIES AND BOROUGHS. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 26th October, 1878.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
In 23 TOWNS in the UNITED KINGDOM	220,307	8,373,953	38·0	5697	3458	65·4	34·0	48·0	8·89	1·32	3·35
LONDON	75,362	3,577,304	47·5	2500	1446	65·4	39·5	50·3	10·17	0·98	2·49
BRIGHTON	2,354	103,923	44·1	50	40	63·8	42·4	51·0	10·56	1·96	4·98
PORTSMOUTH	4,486	129,461	28·9	92	32	–	–	–	–	–	–
NORWICH	7,472	84,620	11·3	53	25	62·0	42·0	50·0	10·10	0·86	2·18
PLYMOUTH	1,395	73,599	52·8	45	28	61·0	44·0	51·8	11·01	1·85	4·70
BRISTOL	4,452	206,419	46·4	115	64	60·1	41·8	49·6	9·78	2·43	6·17
WOLVERHAMPTON	3,396	74,240	21·9	57	22	56·4	38·2	46·7	8·17	1·50	3·81
BIRMINGHAM	8,400	383,117	45·6	321	188	–	–	–	–	–	–
LEICESTER	3,200	121,473	38·0	91	38	59·0	39·0	47·1	8·39	1·29	3·28
NOTTINGHAM	9,960	165,267	16·6	100	55	60·0	36·9	47·9	8·83	1·53	3·89
LIVERPOOL	5,210	532,681	102·2	393	281	58·1	40·0	47·5	8·61	0·45	1·14
MANCHESTER	4,293	360,514	84·0	240	168	–	–	–	–	–	–
SALFORD	5,170	170,251	32·9	125	74	58·7	36·2	46·3	7·95	1·33	3·38
OLDHAM	4,666	107,366	23·0	85	59	–	–	–	–	–	–
BRADFORD	7,220	185,088	25·6	104	69	55·8	39·0	47·0	8·33	1·44	3·66
LEEDS	21,572	304,948	14·1	216	132	58·0	38·0	48·1	8·95	1·03	2·62
SHEFFIELD	19,651	289,537	14·7	184	117	57·0	40·0	47·1	8·39	1·74	4·42
HULL	3,635	143,139	39·4	108	54	59·0	39·0	47·2	8·44	1·68	4·27
SUNDERLAND	2,768	112,459	40·6	63	50	56·0	38·0	48·1	8·95	0·13	0·33
NEWCASTLE-ON-TYNE	5,371	144,570	26·9	107	67	–	–	–	–	–	–
EDINBURGH	4,191	222,371	53·1	138	79	56·0	34·0	44·6	7·01	0·81	2·06
GLASGOW	6,033	566,940	94·0	363	228	56·7	40·0	46·7	8·17	2·21	5·61
DUBLIN	10,050	314,666	31·3	147	142	63·6	34·0	46·8	8·23	0·62	1·57

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.

† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven years and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday, 26th October, 1878.

BOROUGHS, &c. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
				Deaths of		Deaths from								
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
In 20 TOWNS	21·6	3·3	3009	772	529	5	27	187	21	68	71	81	122	194	449
LONDON	21·1	2·5	1446	355	279	4	18	46	12	33	30	30	63	106	268
BRIGHTON	20·1	1·5	40	3	16	–	–	–	–	–	2	1	1	2	7
PORTSMOUTH	12·9	3·6	32	4	5	–	–	–	–	–	8	1	2	2	6
NORWICH	15·4	1·8	25	3	9	–	–	–	–	1	–	2	–	–	3
PLYMOUTH	19·8	0·0	28	8	8	–	–	–	–	–	–	–	1	2	3
BRISTOL	16·2	0·5	64	24	17	–	–	–	–	2	–	–	7	12	7
WOLVERHAMPTON	15·5	3·5	22	5	3	–	1	–	–	3	–	1	1	2	3
BIRMINGHAM	25·6	8·4	188	44	19	–	–	50	3	–	4	5	8	12	21
LEICESTER	16·3	2·1	38	15	5	–	–	1	–	1	2	1	2	4	1
NOTTINGHAM	17·4	2·5	55	9	9	–	–	2	–	2	3	1	2	4	10
LIVERPOOL	27·5	4·4	281	61	53	–	3	32	–	2	4	4	15	16	36
MANCHESTER	24·3	2·9	168	49	23	–	–	10	2	5	–	3	3	10	27
SALFORD	22·7	4·3	74	25	9	–	–	4	–	1	4	5	2	3	4
OLDHAM	28·7	5·8	59	15	9	1	2	7	2	–	–	–	–	2	8
BRADFORD	19·5	3·1	69	19	10	–	1	3	1	2	1	3	1	1	5
LEEDS	22·6	5·0	132	46	19	–	2	10	–	8	3	6	2	3	15
SHEFFIELD	21·1	4·9	117	32	12	–	–	8	1	3	4	11	5	4	9
HULL	19·7	3·3	54	23	9	–	–	–	–	1	3	5	4	3	6
SUNDERLAND	23·2	5·6	50	13	5	–	–	8	–	2	1	1	–	1	1
NEWCASTLE-ON-TYNE	24·2	4·0	67	19	10	–	–	6	–	2	2	1	3	5	9
DUBLIN	23·5	5·3	142	27	35	5	–	8	–	5	7	7	8	9	38

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the FORTY-THIRD Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2034	2179	2229	2202	2205	2176	2359	2566	2431	2474	2285·5	2500
Males . .	1012	1077	1155	1099	1161	1101	1194	1312	1201	1263	1157·5	1304
Females .	1022	1102	1074	1103	1044	1075	1165	1254	1230	1211	1128·0	1196
TOTAL **Deaths**	1421	1536	1266	1364	1381	1404	1368	1477	1277	1499	1399·3	1446
Males . .	719	803	656	686	714	694	710	758	677	775	719·2	744
Females .	702	733	610	678	667	710	658	719	600	724	680·1	702

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.
TOTAL **Deaths** - - -	1877	1694	1517	1433	1365	1260	1259	1250	1355	1355	1418	1369	1446
0—20 - -	1194	1032	856	805	721	648	629	597	654	677	679	695	720
20—40 - -	205	187	176	191	163	174	193	183	214	188	198	194	196
40—60 - -	227	227	205	194	217	207	211	231	257	230	241	223	251
60—80 - -	217	208	233	202	215	189	187	198	191	216	241	206	234
at 80 years & upwds.	34	40	47	41	49	42	39	41	39	44	59	51	45
Deaths of children: Under 1 year -	812	676	534	492	397	354	331	326	336	380	344	378	355
Deaths of children: 1—5 - -	297	256	227	232	219	213	214	195	228	208	231	228	263
Deaths of children: 5—20 - -	85	100	95	81	105	81	84	76	90	89	104	89	102
Deaths from 7 principal Zymotic Diseases	649	513	397	340	281	252	211	193	192	190	191	171	173
" " Small-pox -	18	14	9	10	6	3	7	4	2	4	5	5	4
" " Measles - -	19	14	10	10	7	10	6	2	6	19	13	10	18
" " Scarlet fever -	26	26	27	24	29	30	27	24	30	34	33	45	46
" " Diphtheria -	6	11	11	11	12	10	13	10	13	20	17	12	12
" " Whooping-cough	89	77	60	74	56	54	37	43	53	40	52	33	33
" " Typhus fever -	–	–	1	1	2	2	5	–	1	2	1	2	–
" " Enteric (or Typhoid) fever -	17	28	12	12	20	18	25	25	20	22	31	24	30
" " Simple Contd fever	4	4	4	3	1	5	2	5	6	4	2	4	–
" " Diarrhœa - -	470	339	263	195	148	120	89	80	61	45	37	36	30
" " Simple Cholera -	24	12	5	6	6	4	1	1	–	–	–	–	–
" " Dis. of Respiratory Organs -	159	155	139	141	175	158	172	215	213	247	286	326	347
" " Phthisis - -	193	173	158	169	157	145	152	161	182	182	159	168	169
" " Heart Diseases -	71	93	82	72	58	72	74	62	81	83	95	68	78
Violent Deaths - - -	50	57	59	35	59	41	43	56	52	30	51	50	63
Inquest Cases - - -	85	91	104	72	91	64	63	85	100	61	109	82	106
Deaths in Public Institutions	254	257	253	231	262	233	246	241	269	213	285	262	268
TEMPERATURE OF THE AIR:													
Mean - - - - -	60°·5	65°·9	62°·2	61°·5	61°·8	61°·2	59°·1	54°·4	52°·2	55°·8	56°·9	51°·9	50°·3
Mean of Highest readings -	71·5	76·3	73·2	70·6	71·5	72·1	71·0	64·0	61·0	66·1	64·2	58·0	58·2
Mean of Lowest readings -	52·6	56·9	54·9	54·4	56·0	52·8	49·8	47·0	44·0	47·6	51·3	45·5	44·3
Mean Temperature of the Water of the Thames -	68·6	66·7	67·1	65·7	64·7	62·8	61·2	61·4	57·7	57·6	58·6	56·2	54·7
Humidity of the Air - -	77	76	79	79	85	82	79	79	85	81	78	85	85
Rain-fall in inches - -	0·25	2·22	1·08	0·71	1·15	0·00	0·02	0·49	0·19	0·13	0·54	0·00	0·98
Registered Sunshine (in hours)	30·7	54·5	41·1	21·5	27·5	31·2	40·1	34·6	9·6	41·0	31·3	18·0	15·6

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-THIRD Week of the Year 1878.

CAUSES OF DEATH.	Average in the Forty-third Weeks of the 10 years 1868-77.*	In the Week ending Saturday, October 26, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature	46·2	50·3							
ALL CAUSES	1399·3	1446	355	263	102	196	251	234	45
SPECIFIED CAUSES	1393·3	1443	353	263	102	196	251	233	45
I. ZYMOTIC.									
ORDER 1.									
1. Small-pox	12·5	4	1	1	1	-	1	-	-
2. Measles	28·4	18	1	16	1	-	-	-	-
3. Scarlet Fever	95·2	46	3	29	14	-	-	-	-
4. Diphtheria	8·4	12	-	7	5	-	-	-	-
5. Quinsy	1·3	1	-	-	-	-	1	-	-
6. Croup	10·5	13	1	9	3	-	-	-	-
7. Whooping-cough	28·3	33	15	18	-	-	-	-	-
8. Typhus	40·4 (Enteric or Typhoid Fev.)	-	-	-	-	-		-	-
— Enteric or Typhoid Fev.		30	2	6	8	8	4	2	-
— Simple continued Fev.		-	-	-	-	-	-	-	-
9. Erysipelas	8·4	3	2	-	-	-	1	-	-
10. Puerperal Fev. (Metria)	6·0	2	-	-	-	1	1	-	-
11. Carbuncle	·8	-	-	-	-	-	-	-	-
12. Influenza	·5	1	-	-	-	1	-	-	-
13. Dysentery	2·0	-	-	-	-	-	-	-	-
14. Diarrhœa	28·3	30	18	5	2	2	1	2	-
15. Simple Cholera	·9	-	-	-	-	-	-	-	-
16. Ague	·2	-	-	-	-	-	-	-	-
17. Remittent Fever	—	-	-	-	-	-	-	-	-
18. Rheumatism	9·7	12	-	1	4	2	4	1	-
19. Other *Zymotic* Diseases	·7	-	-	-	-	-	-	-	-
ORDER 2.									
1. Syphilis	8·5	7	6	1	-	-	-	-	-
2. Stricture of Urethra	·9	-	-	-	-	-	-	-	-
3. Hydrophobia	—	-	-	-	-	-	-	-	-
4. Glanders	—	1	-	-	-	-	1	-	-
ORDER 3.									
1. Privation	·4	1	-	-	-	-	1	-	-
2. Want of Breast-milk	8·5	9	8	1	-	-	-	-	-
3. Purpura and Scurvy	2·1	3	-	1	-	-	-	1	1
4. Alcoholism { *a* Del. Tremens	1·6	6	-	-	-	2	4	-	-
4. Alcoholism { *b* Intemperance	1·7	2	-	-	-	1	-	1	-
ORDER 4.									
1. Thrush	3·0	2	2	-	-	-	-	-	-
2. Worms, &c.	·2	2	-	1	-	1	-	-	-
II. CONSTITUTIONAL.									
ORDER 1.									
1. Gout	1·5	3	-	-	-	-	3	-	-
2. Dropsy	11·6	7	1	-	1	1	2	2	-
3. Cancer	34·8	42	-	-	-	3	22	17	-
4. Cancrum Oris (Noma)	·4	-	-	-	-	-	-	-	-
5. Mortification	2·4	4	1	-	-	-	1	2	-
ORDER 2.									
1. Scrofula	9·4	12	3	3	2	2	2	-	-
2. Tabes Mesenterica	22·7	32	18	13	-	1	-	-	-
3. Phthisis	162·6	169	2	7	16	81	49	14	-
4. Hydrocephalus	21·2	22	9	11	2	-	-	-	-
III. LOCAL.									
ORDER 1.									
1. Cephalitis	14·5	23	8	5	6	2	1	1	-
2. Apoplexy	42·1	32	-	2	-	3	9	17	1
3. Paralysis	30·4	32	-	-	-	-	12	18	2
4. Insanity	1·9	2	-	-	-	1	1	-	-
5. Chorea	·1	-	-	-	-	-	-	-	-
6. Epilepsy	6·6	4	-	-	-	4	-	-	-
7. Convulsions	41·9	36	28	8	-	-	-	-	-
8. *Brain Disease, &c.*	18·6	27	2	3	4	2	4	10	2
ORDER 2.									
1. Pericarditis	3·0	4	-	-	-	2	2	-	-
2. Aneurism	4·4	4	-	-	-	1	3	-	-
3. *Heart Disease, &c.*	68·4	70	2	-	10	15	24	19	-
ORDER 3.									
1. Laryngitis	5·5	9	3	3	1	1	1	-	-
2. Bronchitis	159·4	225	87	46	1	6	30	46	9
3. Pleurisy	3·8	2		-	1	1	-	-	-
4. Pneumonia	87·4	90	34	32	3	5	10	5	1
5. Asthma	8·2	4	-	-	-	1	2	1	-
6. *Lung Disease, &c.*	16·9	17	7	2	1	3	1	1	2

CAUSES OF DEATH.	Average in the Forty-third Weeks of the 10 years 1868-77.*	In the Week ending Saturday, October 26, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature	46·2	50·3							
ORDER 4.									
1. Gastritis	1·3	3	1	-	-	1	1	-	-
2. Enteritis	8·2	2	-	1	-	-	1	-	-
3. Peritonitis	6·5	8	-	1	1	3	2	1	-
4. Ascites	1·3	2	-	-	-	-	2	-	-
5. Ulceration of Intestines	2·4	5	-	-	2	-	2	1	-
6. Hernia	2·4	4	-	-	-	-	3	-	1
7. Ileus	3·4	5	2	-	-	-	1	2	-
8. Intussusception	1·4	2	2	-	-	-	-	-	-
9. Stricture of Intestines	·9	-	-	-	-	-	-	-	-
10. Fistula	·7	2	-	-	-	-	2	-	-
11. *Stomach Disease, &c.*	6·3	7	-	-	-	2	3	2	-
12. *Pancreas Disease, &c.*	—	-	-	-	-	-	-	-	-
13. Hepatitis	3·3	2	-	-	-	-	2	-	-
14. Jaundice	3·4	3	2	-	-	-	1	-	-
15. *Liver Disease, &c.*	17·4	22	1	-	-	4	4	13	-
16. *Spleen Disease, &c.*	·1	2	-	1	-	-	1	-	-
ORDER 5.									
1. Nephritis	2·8	3	-	1	2	-	-	-	-
2. Ischuria	—	-	-	-	-	-	-	-	-
3. Bright's Dis. (Nephria)	10·5	19	-	-	3	3	6	7	-
4. Diabetes	2·5	-	-	-	-	-	-	-	-
5. Calculus (Stone)	·9	1	-	-	-	-	-	1	-
6. Cystitis	·9	4	-	-	-	-	2	2	-
7. *Kidney Disease, &c.*	8·2	12	-	1	-	3	1	7	-
ORDER 6.									
1. Ovarian Dropsy	·9	1	-	-	-	-	1	-	-
2. *Uterus Disease, &c.*	4·0	4	-	-	-	2	-	2	-
ORDER 7.									
1. Synovitis (Arthritis)	·1	-	-	-	-	-	-	-	-
2. *Joint Disease, &c.*	6·1	4	-	-	1	3	-	-	-
ORDER 8.									
1. Phlegmon	3·7	3	-	-	-	1	1	1	-
2. Ulcer	1·4	3	-	-	-	-	2	1	-
3. *Skin Disease, &c.*	2·2	1	1	-	-	-	-	-	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth	24·2	20	20	-	-	-	-	-	-
2. Cyanosis	2·4	5	5	-	-	-	-	-	-
3. Spina Bifida	1·0	1	1	-	-	-	-	-	-
4. Other Malformations	1·4	3	3	-	-	-	-	-	-
5. Teething	9·3	7	3	4	-	-	-	-	-
ORDER 2.									
1. Paramenia	·1	-	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever)	6·2	5	-	-	-	4	1	-	-
ORDER 3.									
1. Old Age	41·4	46	-	-	-	-	-	22	24
ORDER 4.									
1. Atrophy and Debility	66·1	59	40	12	-	1	-	6	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	18·0	28	1	3	3	9	7	3	2
2. Wounds { Gunshot	·6	-	-	-	-	-	-	-	-
2. Wounds { Cut, Stab		-	-	-	-	-	-	-	-
3. Burns and Scalds	4·6	6	-	5	-	1	-	-	-
4. Poison	1·1	5	1	1	-	2	1	-	-
5. Drowning	4·5	4	-	-	1	2	1	-	-
6. Suffocation	8·5	5	3	-	-	1	1	-	-
7. Otherwise	3·9	9	2	2	1	1	1	2	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	1·5	1	1	-	-	-	-	-	-
ORDER 4. (SUICIDE.)									
1. Wounds { Gunshot	·2	-	-	-	-	-	-	-	-
1. Wounds { Cut, Stab	1·2	1	-	-	-	-	1	-	-
2. Poison	·8	1	-	-	1	-	-	-	-
3. Drowning	·7	1	-	-	-	-	1	-	-
4. Hanging	1·1	1	-	-	1	-	-	-	-
5. Otherwise	·7	1	-	-	-	-	1	-	-
ORDER 5. (EXECUTION.)									
1. Hanging	—	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained)	·6	1	-	-	-	-	-	1	-
Causes not specified or ill-defined	5·4	2	2	-	-	-	-	-	-

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

Table 6. LONDON.—Population, Births, Deaths from all Causes, and from Small-pox, Measles, Scar
during the Week en

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The Deaths registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON - - -	3,254,260	2500	1446	355	279	4	18	46	12	33	-	30	-	30	63	106
West Districts - - - -	561,359	347	248	68	52	-	-	9	1	8	-	3	-	5	10	21
North Districts - - -	751,729	581	305	78	79	-	3	15	2	9	-	10	-	3	8	15
Central Districts - - -	334,369	179	141	31	21	-	-	4	-	3	-	3	-	4	9	17
East Districts - - - -	639,111	534	304	62	50	-	8	6	3	7	-	7	-	8	20	31
South Districts - - - -	967,692	859	448	116	77	4	7	12	6	6	-	7	-	10	16	22
West Districts.																
St. Mary Paddington *WH* G.J. & W.M.	58728	45	23	8	5	-	-	-	1	-	-	-	-	-	1	1
St. John Paddington *H* - - G.J.	38085	16	13	1	3	-	-	1	-	-	-	1	-	-	2	2
Kensington Town *W* - - - W.M.	91645	55	45	14	10	-	-	-	-	3	-	-	-	3	3	5
Brompton *H* - - - W.M. & C.	28654	22	10	2	3	-	-	-	-	-	-	-	-	-	-	1
St. Peter Hammersmith - - W.M.	6662	6	2	1	-	-	-	1	-	-	-	-	-	-	-	-
St. Paul Hammersmith *H* W.M. & G.J.	36029	43	24	7	3	-	-	4	-	-	-	-	-	-	-	2
Fulham *WwH* - - - W.M. & C.	23350	23	12	3	2	-	-	3	-	1	-	1	-	-	-	-
Chelsea South *HHH* - - - C.	26420	16	8	3	2	-	-	-	-	-	-	-	-	-	-	-
Chelsea North-west *WHHHH* - C.	22926	17	15	2	4	-	-	-	-	-	-	-	-	-	-	1
Chelsea North-east - - - C.	21392	12	8	4	-	-	-	-	-	1	-	-	-	-	-	2
Hanover Square *H* - - - G.J.	18698	3	7	1	-	-	-	-	-	-	-	-	-	-	-	1
May Fair *WW* - - - - G.J.	13358	6	11	3	2	-	-	-	-	-	-	-	-	-	-	1
Belgrave *HH* - - - - C.	57972	24	23	4	5	-	-	-	-	-	-	1	-	1	2	3
St. John Westminster *HH* - - C.	38478	26	10	6	3	-	-	-	-	-	-	-	-	1	-	1
St. Margaret Westminster *WH* - C.	27781	9	13	3	1	-	-	-	-	-	-	-	-	-	1	-
Golden Square *WH* - - - G.L.	12860	8	13	-	6	-	-	-	-	1	-	-	-	-	1	1
Berwick-street *H* - N.R. & G.J.	20759	8	7	3	3	-	-	-	-	1	-	-	-	-	-	-
St. Anne Soho *HHHHH* - - N.R.	17562	8	4	3	-	-	-	-	-	1	-	-	-	-	-	-
North Districts.																
All Souls Marylebone *HHHH* - W.M.	28579	10	15	3	5	-	-	1	-	-	-	-	-	1	-	1
Cavendish Square *HH* - - W.M.	15425	8	3	-	1	-	-	1	-	-	-	-	-	-	-	-
Rectory Marylebone *WH* G.J. & W.M.	26384	18	16	3	6	-	-	-	-	-	-	1	-	1	-	-
St. Mary Maryleb. *HHH* G.J. & W.M.	21786	21	9	1	6	-	-	-	-	-	-	1	-	-	1	-
Christchurch Marylebone *H* - W.M.	33944	27	17	5	1	-	-	1	1	1	-	-	-	1	-	1
St. John Marylebone *H* - - W.M.	33136	20	6	6	-	-	-	-	-	-	-	-	-	-	-	2
Hampstead *WwHH* - N.R. & W.M.	32281	16	9	2	2	-	-	-	-	-	-	-	-	-	1	1
Regent's Park Pancras - - W.M.	38200	31	18	4	3	-	-	-	-	1	-	2	-	-	-	1
Tottenham-court *wHHH* N.R. & W.M.	29370	11	19	3	6	-	1	-	-	-	-	-	-	-	-	-
Gray's Inn Lane *HHH* - - N.R.	29221	18	11	-	1	-	-	-	-	1	-	1	-	-	-	-
Somers Town - - - - N.R.	38533	20	12	5	3	-	-	-	-	1	-	-	-	-	1	1
Camden Town *WH* - - - N.R.	17943	6	13	5	6	-	-	-	-	1	-	-	-	-	1	2
Kentish Town *w* - - - - N.R.	68198	61	23	9	2	-	1	-	-	3	-	-	-	-	1	1
Islington West *HHH* - - - N.R.	97820	87	21	7	4	-	-	2	-	-	-	-	-	-	1	2
Islington East *WWwwH* - - N.R.	115958	101	55	12	16	-	1	4	-	1	-	-	-	-	1	1
Stoke Newington *H* - - - N.R.	9841	22	7	-	1	-	-	-	-	-	-	-	-	-	-	1
Stamford Hill - - - - E.L.	6598	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney - - - N.R.	28069	27	15	7	4	-	-	3	-	-	-	1	-	-	1	1
Hackney *WwwHL* - E.L. & N.R.	50104	45	25	6	7	-	-	3	-	-	-	3	-	-	-	-
South Hackney - - - - E.L.	30339	26	11	-	5	-	-	-	1	-	-	1	-	-	-	-
Central Districts.																
St. George Bloomsbury - - - N.R.	17853	11	5	2	2	-	-	-	-	-	-	-	-	-	-	-
St. Giles South *WH* - - - N.R.	19109	9	12	2	1	-	-	-	-	-	-	1	-	-	1	1
St. Giles North - - - - N.R.	16594	13	3	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Martins-in-the-Fields* - N.R. & C.	21238	9	14	4	2	-	-	-	-	-	-	-	-	-	2	2
St. Mary-le-Strand - - - N.R.	9378	-	6	-	1	-	-	-	-	-	-	-	-	-	-	1
St. Clement Danes *H* - - - N.R.	10723	4	5	2	1	-	-	-	-	-	-	-	-	-	-	-
St. George-the-Martyr *HHHHH* N.R.	20521	6	9	1	4	-	-	-	-	1	-	-	-	-	-	-
St. Andrew Eastern *W* - - N.R.	13529	4	6	-	1	-	-	-	-	-	-	-	-	-	-	-
Saffron Hill *H* - - - - N.R.	9066	4	2	-	-	-	-	1	-	1	-	-	-	-	-	-
St. James Clerkenwell *W* - - N.R.	18917	15	6	2	1	-	-	-	-	-	-	-	-	1	-	-
Amwell Clerkenwell - - - N.R.	16884	14	6	2	1	-	-	-	-	-	-	-	-	-	-	1
Pentonville - - - - - N.R.	13337	15	5	1	1	-	-	-	-	-	-	-	-	-	-	-
Goswell-street - - - - N.R.	16242	8	7	4	1	-	-	-	-	-	-	-	-	1	-	2
Old-street *H* - - - - N.R.	12161	11	5	1	-	-	-	1	-	-	-	-	-	-	-	-
City-road *HHL* - - - - N.R.	18301	17	11	1	1	-	-	1	-	-	-	-	-	1	-	2
Whitecross-street - - - N.R.	13792	5	4	1	1	-	-	-	-	-	-	-	-	-	-	1
Finsbury - - - - - N.R.	10741	5	4	2	1	-	-	-	-	-	-	-	-	-	-	-
St. Botolph *H* - - N.R. & E.L.	14540	12	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Cripplegate - - - - - N.R.	13638	5	4	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre *H* - - - - N.R.	7562	3	16	-	1	-	-	1	-	-	-	2	-	-	6	7
St. Bride *W* - - - - - N.R.	11185	4	5	2	1	-	-	-	-	1	-	-	-	1	-	-
Castle Baynard - - - - N.R.	4426	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch - - - - N.R.	6270	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe - - - - - N.R.	4753	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking - - - N.R.	5764	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Broad-street *H* - - - - N.R.	7845	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-

* On 1st August the sub-districts of Long Acre and Charing Cross were united for registration purposes under the name of St. Martins-in-
Fields sub-district.

Note.—The Italic capitals placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—W
house; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it st
see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. sig
Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East Lon
and K. the Kent Company.

ER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT rday, 26th October 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
well Shoreditch - N.R. & E.L.	12430	7	4	-	2	-	-	-	-	-	-	-	-	-	-	2	-
eonard Shoreditch *HL*† - N.R.	16545	9	6	2	1	-	-	-	-	-	-	-	-	-	1	2	-
on New Town *w* - - - N.R.	27835	29	14	5	3	-	1	1	-	-	-	-	-	-	-	-	1
on Old Town - - - - N.R.	26933	17	8	2	-	-	-	-	1	-	-	1	-	3	-	-	-
erston *WH* - - N.R. & E.L.	43421	40	29	8	6	-	3	-	-	-	-	-	-	2	-	-	9
ney-road *H* - - - - E.L.	29822	29	10	2	-	-	-	2	-	-	-	-	-	-	1	1	-
n, Bethnal Green *WHL*† - E.L.	42433	35	14	2	-	-	-	-	-	1	-	-	-	-	1	1	3
ch, Bethnal Green - E.L.	26577	35	7	-	-	-	-	-	-	-	-	-	-	-	-	1	-
n, Bethnal Green - - - E.L.	21272	19	9	1	-	-	-	-	-	-	-	1	-	-	-	1	-
lfields *H* - - E.L. & N.R.	22499	9	8	2	1	-	-	-	-	-	-	-	-	-	-	3	1
End New Town *W* - E.L.	15550	8	19	-	7	-	-	-	-	1	-	-	-	-	1	1	13
echapel North - E.L. & N.R.	11597	8	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-
echapel Church *H* - E.L.	7322	2	14	1	2	-	-	-	-	-	-	-	-	-	6	7	12
man's Fields - - - - E.L.	10381	9	2	1	-	-	-	-	-	-	-	-	-	-	1	1	-
ate - - - - N.R. & E.L.	9224	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iary St. George East - - E.L.	17900	10	7	5	-	-	-	-	-	2	-	-	-	-	-	-	-
aul St. George East - - E.L.	21350	20	3	1	1	-	-	-	-	-	-	-	-	-	-	1	-
ohn St. George East *W* - E.L.	8802	4	10	2	4	-	-	-	-	-	-	-	-	1	2	1	7
well *H* - - - E.L. & N.R.	11640	8	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
liff - - - E.L.	16131	11	7	1	-	-	-	-	1	-	-	-	-	-	1	1	-
house - - - - - E.L.	29919	21	8	2	-	-	-	-	-	-	-	-	-	-	1	1	-
End Old Town West - - E.L.	38128	31	12	3	2	-	-	1	-	-	-	-	-	-	1	-	-
End Old Town East *WwwH* - E.L.	55024	50	35	1	9	-	1	1	1	-	-	-	-	1	-	1	11
wwwH - - - E.L.	67765	80	47	12	7	-	2	1	-	-	-	5	-	-	2	2	10
ar *WW* - - - - - E.L.	48611	37	23	8	2	-	1	-	-	3	-	-	-	1	2	4	-
SOUTH DISTRICTS.																	
stchurch Southwark *WH* L. & S.	14573	8	2	-	1	-	-	-	-	-	-	-	-	-	-	-	1
aviour Southwark *H* - S.	15677	15	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
-road - - - - S. & L.	20421	20	12	4	2	-	-	-	-	-	-	-	-	-	1	1	-
ugh-road *WH* - - S. & L.	16695	17	8	3	2	-	-	-	-	-	-	-	-	1	1	1	2
on-road *HL* - - L. & S.	18961	15	12	4	2	-	-	-	-	-	-	-	-	-	-	1	-
ity Newington - - S. & L.	23682	20	13	4	1	-	-	-	-	-	-	-	-	-	-	1	-
eter Walworth *W* - S. & L.	48248	47	29	3	5	1	-	-	-	-	-	3	-	1	-	-	10
Iary Newington - - L. & S.	16792	15	5	2	1	-	1	-	-	-	-	-	-	-	-	-	-
lave Southwark *H* - - S.	4373	1	18	1	-	-	-	-	1	-	-	-	-	-	2	1	17
ohn Horsleydown *W* - - S.	10500	-	6	-	1	-	-	1	-	-	-	-	-	-	-	-	-
her Market - - - S. & L.	16787	14	8	1	1	-	-	-	-	-	-	-	-	2	-	-	-
Iary Magdalen *W* - - - S.	15709	9	11	4	2	-	-	-	1	-	-	-	-	-	-	-	2
ames Bermondsey - - S.	47933	43	15	4	1	-	1	1	-	-	-	-	-	-	-	-	-
erhithe *W* - - - S. & K.	27096	25	18	6	2	2	-	-	-	-	-	-	-	1	-	-	-
erloo-road 1st *H* - - L. & S.	14074	16	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-
erloo-road 2nd *H* - - L. & S.	18465	10	10	5	-	-	1	-	-	-	-	-	-	-	-	1	-
beth Church 1st *H* - L. & S.	19492	19	16	2	2	-	-	-	-	-	-	1	-	-	3	3	11
beth Church 2nd *WW* - L. & S.	35833	36	19	3	3	-	2	-	1	-	-	1	-	-	-	-	4
ington 1st - - - S. & L.	41286	32	17	5	4	-	-	2	-	-	-	-	-	1	-	1	-
ington 2nd - - - S. & L.	31221	15	7	3	1	-	-	-	-	-	-	-	-	-	-	-	-
ton *w* - - - - L. & S.	35435	38	19	6	5	-	1	2	-	1	-	-	-	-	1	2	2
wood *W* - - - - - L.	12536	10	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
ham *H* - - - - - S.	27347	31	9	4	3	-	-	-	-	-	-	-	-	-	-	-	-
ersea *Ww* - - - - S.	54016	75	28	11	5	-	-	-	-	1	-	-	-	2	-	1	-
dsworth *HL* - - - S.	19783	10	4	-	-	-	-	-	-	-	-	-	-	-	-	-	2
ey - - - - - S.	9439	12	3	-	-	-	-	-	1	-	-	-	-	-	-	-	-
atham - - - - - L.	14475	11	3	1	1	-	-	-	-	-	-	-	-	-	1	1	-
wich - - - - - L. & S.	4041	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
berwell *WL*†*L*† - - S. & L.	31254	40	21	4	5	-	1	1	-	2	-	1	-	1	-	-	6
ham *W* - - S., L., & K.	42160	44	29	8	5	-	-	4	-	1	-	-	-	1	-	-	-
George Camberwell - L. & S.	33851	34	12	3	2	-	-	1	1	-	-	-	-	-	-	1	-
aul Deptford *w* - - - K.	53714	40	25	9	4	1	-	-	1	-	-	-	-	-	1	2	1
icholas Deptford - - - K.	6474	9	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
nwich West - - - - K.	21034	17	6	1	3	-	-	-	-	-	-	-	-	-	-	-	-
nwich East *WH* - - - K.	19378	19	16	2	4	-	-	-	-	-	-	1	-	-	4	4	10
am *H* - - - - - K.	4539	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- - - - - - K.	16440	9	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
sham Village *WH* - - K.	11513	5	7	1	3	-	-	-	-	1	-	-	-	-	-	-	2
nham *H* - - - - L.	19065	20	7	2	2	-	-	-	-	-	-	-	-	-	1	-	-
lton *H* - - - - - K.	9564	1	5	-	1	-	-	-	-	-	-	-	-	-	-	-	2
lwich Dockyard - - - K.	17226	11	3	1	1	-	-	-	-	-	-	-	-	-	1	1	-
lwich Arsenal *WHH* - - K.	18331	17	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-
nstead West - - - - K.	13027	14	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
nstead East *W* - - - K.	15232	13	5	2	-	-	-	-	-	-	-	-	-	-	-	-	1

e following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by *w*:—

entral London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
ondon City Workhouse in Islington East sub-district.
olborn Infirmary " " "
ondon City Workhouse " Hackney sub-district.
olborn " " Hoxton New Town sub-district.
hitechapel " " Mile End Old Town Eastern sub-dist.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7.—LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered durin
Week ending Saturday, 26th October 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
	LONDON—OUTER RING	368,414	631,381	487	265	57	62	-	-	10	5	6	6	4	9	15
29 : 1	Carshalton *wL* - - -	12228	13523	3	6	-	1	-	-	-	1	-	-	-	-	-
2	Epsom (*part of*) * *WH* -	9971	9145	8	1	-	-	-	-	-	-	-	-	-	-	-
36 : 1	Godstone (*part of*) * - -	2754	900	2	-	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	55	22	5	11	-	-	-	-	1	2	-	1	2
2	Mitcham *WH* - - -	11697	12534	8	4	1	2	-	-	-	-	-	-	-	1	2
38 : 1	Wimbledon *HH* - - -	3220	9087	4	6	2	-	-	-	-	-	-	-	1	-	-
2	Kingston *WH* - - -	8549	27489	9	7	-	-	-	-	-	1	-	-	-	-	-
3	Esher (*part of*) * - -	6601	7353	5	3	-	-	-	-	-	-	-	-	-	1	1
4	Hampton - - - -	4573	10185	9	2	-	-	-	-	-	-	-	-	-	1	2
39 : 1	Richmond *WH* - - -	2271	16829	9	10	3	5	-	-	-	-	-	-	1	1	1
2	Mortlake - - - -	2961	9316	10	1	1	-	-	-	-	-	-	-	-	-	-
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	13	5	2	1	-	-	-	-	-	1	-	-	-
2	Chislehurst (*part of*) * *W* -	13665	10028	7	4	-	2	-	-	-	-	-	-	-	-	-
41 : 1	Bexley *H* - - - -	13439	19566	18	4	1	2	-	-	1	-	-	-	-	-	-
123 : 1	Sunbury *W* - - -	11055	9860	9	6	3	1	-	-	-	-	-	1	-	-	-
2	Staines *W* - - - -	13277	10339	5	3	-	1	-	-	-	-	-	-	-	-	-
124 : 1	Hillingdon *WH* - - -	6029	9712	2	2	-	-	-	-	-	-	-	-	-	1	2
2	Uxbridge - - - -	6178	5329	9	3	-	1	-	-	-	-	-	-	-	-	-
3	Hayes *WL* - - - -	14587	10497	4	5	-	2	-	-	-	-	-	-	-	-	-
125 : 1	Isleworth *W* - - -	7008	19930	7	10	-	2	-	-	-	-	-	-	-	-	-
2	Twickenham - - -	2477	10533	10	6	1	1	-	-	1	1	1	-	-	-	1
3	Brentford *HL* - - -	4370	20279	10	12	-	2	-	-	6	-	-	-	-	-	-
4	Chiswick - - - -	1311	8508	5	7	1	-	-	-	1	-	-	-	-	-	-
5	Acton *WH* - - - -	6087	12683	7	2	-	-	-	-	-	-	-	-	-	-	-
126 : 1	Harrow *H* - - - -	13809	10869	9	2	-	-	-	-	-	-	-	-	-	-	-
2	Edgware *H* - - -	6994	3450	6	2	1	-	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	14	6	2	-	-	-	-	-	-	-	1	-	-
4	Hendon *WH* - - -	8382	6972	3	2	1	-	-	-	-	-	-	-	-	1	1
127 : 1	South Mimms - - -	15419	5924	1	2	1	1	-	-	-	-	-	-	-	-	-
2	Barnet *W* - - - -	5423	7752	6	4	2	-	-	-	-	-	-	-	-	-	-
3	Finchley *L* - - - -	4688	11493	9	6	1	3	-	-	-	-	-	-	-	-	-
128 : 1	Hornsey *H* - - - -	3039	19357	19	10	2	2	-	-	-	2	1	-	-	1	1
2	Tottenham *H* - - -	4642	22869	21	7	2	1	-	-	-	-	-	-	-	-	-
3	Edmonton *WW* - - -	7483	13860	11	11	2	7	-	-	-	-	1	-	-	-	-
4	Enfield *WH* - - -	12653	16054	18	1	-	1	-	-	-	-	-	-	-	-	-
5	Waltham Abbey - - -	11017	5197	1	1	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	3	1	-	-	-	-	-	-	-	-	-	-	-
134 : 1	Hatfield (*part of*) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	3	3	-	-	-	-	1	-	-	1	-	-	-
185 : 1	Stratford - - - -	882	23286	26	13	5	2	-	-	-	-	1	-	-	-	-
2	West Ham *WWWW* - -	7345	44642	51	37	15	3	-	-	-	-	-	-	1	-	1
3	Leyton *WW* - - -	4274	15513	13	13	1	5	-	-	-	-	-	-	-	-	-
4	Walthamstow *H* - -	6619	15701	19	6	1	3	-	-	-	-	-	1	-	1	1
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	3	2	-	-	-	-	-	-	1	-	-	-	-
188 : 1	Romford (*part of*) * - -	6730	2879	5	2	-	-	-	-	-	-	-	-	-	-	-
2	Ilford - - - - -	8492	5947	12	2	1	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	6	1	-	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follo
29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in God
sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, exce
two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop.
134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoidon
(pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

BLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 26th October 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	
TER LONDON	446,494	4,450,015	20·1	2·4	1711	412	341	4	18	56	17	39	36	34	72	296
NER LONDON -	78,080	3,577,304	21·1	2·5	1446	355	279	4	18	46	12	33	30	30	63	268
TER RING -	368,414	872,711	15·9	1·9	265	57	62	–	–	10	5	6	6	4	9	28

.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal 547 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area 14 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, h 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than s to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,758,933 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	September 14	–	274	33·2	Fevers 112.
BOMBAY - -	644,405	„ 24	–	563	35·9	Remittent fever 166.
MADRAS - -	397,552	„ 6	318	433	56·6	Fevers 100.
PARIS - - -	1,988,806	October 24	–	751	19·6	Typhoid fever 14.
GENEVA - -	68,792	„ 19	33	30	22·8	
BRUSSELS - -	175,782	„ 12	108	73	21·7	—
AMSTERDAM -	302,266	„ 12	211	125	21·5	Scarlet fever 3; whooping-cough 3.
ROTTERDAM -	142,585	„ 12	98	70	25·5	Scarlet fever 5; whooping-cough 2.
THE HAGUE -	107,896	„ 12	79	59	28·4	Measles 4; scarlet fever 2.
COPENHAGEN -	220,000	„ 22	157	73	17·3	Typhoid fever 2.
STOCKHOLM -	152,825	„ 12	–	51	17·3	—
CHRISTIANIA -	105,000	„ 19	85	38	18·5	Diphtheria and croup 3.
ST. PETERSBURGH	669,741	„ 12	–	427	33·2	Small-pox 28; typhus and typhoid fever 30.
BERLIN - -	1,019,620	„ 5	856	594	29·9	Diphtheria 28; scarlet fever 26.
HAMBURG (State)	406,104	„ 12	328	199	25·6	Diphtheria and croup 9; scarlet fever 5.
DRESDEN - -	207,845	„ 12	130	94	23·2	Diphtheria and croup 5.
BRESLAU - -	267,000	„ 19	185	145	28·2	Scarlet fever 4; typhus 4.
MUNICH - -	222,000	„ 19	157	132	31·0	Diphtheria and croup 5.
VIENNA - -	727,271	„ 19	532	325	23·2	Diphtheria 18; scarlet fever 9.
BUDA-PESTH -	319,530	„ 12	237	248	40·4	Small-pox 5; scarlet fever 9.
ROME - - -	282,214	September 14	161	123	22·7	Typhus and typhoid fev. 2.
		„ 21	144	107	19·8	Typhus and typhoid fev. 2.
NAPLES - -	457,407	„ 16	–	197	22·5	Typhus 3.
TURIN - -	227,843	October 12	126	118	27·0	Typhus and typhoid fever 7; small-pox 2.
VENICE - -	139,796	„ 19	62	70	26·1	Small-pox 6; scarlet fever 3.
ALEXANDRIA -	212,034	„ 10	161	202	49·7	Whooping-cough 17.
NEW YORK -	1,084,528	September 28	–	501	24·1	Typhoid fever 11; diphtheria 10.
BROOKLYN -	549,438	„ 28	–	217	20·6	Diphtheria 17.
PHILADELPHIA	876,118	October 5	–	246	14·7	Scarlet fever 14; diphtheria 11.
BALTIMORE -	355,000	„ 5	–	125	18·4	Scarlet fever 3; typhoid fever 3.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 26th OCTOBER, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.	Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Between Dew Point and Air Temperature. Great-est.	Between Dew Point and Air Temperature. Least.	Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure on square foot. Great-est.	Osler's. Pressure on square foot. Least.	Osler's. Pressure on square foot. Mean of 24 Obs	Robinson's. Amount of Horizontal Movement of Air each day.	Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
OCTOBER.		in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN. . 20	..	29·625	60·4	49·6	10·8	54·3	51·1	83·3	45·1	56·5	54·3	3·2	9·3	0·6	+ 5·0	89	WSW.	SW. & S.	0·0	0·0	0·0	88	—194	0·00	0·7
MON. . 21	..	29·222	65·4	50·4	15·0	57·9	53·0	99·7	45·4	56·7	54·1	4·9	8·4	0·0	+ 8·9	84	SSE. S. & SSW.	SW.	2·5	0·0	0·2	273	— 4	0·00	13·5
TUES. 22	..	29·112	56·7	43·0	13·7	48·3	42·6	86·4	38·0	57·1	54·3	5·7	10·6	1·9	— 0·4	81	SW.	WSW.	3·1	0·0	0·2	310	+ 40	0·20	8·0
WED. . 23	In Equator	29·412	54·6	40·9	13·7	47·7	39·9	104·8	36·6	56·3	53·7	7·8	13·4	3·3	— 0·6	74	W.& WSW.	WSW. & SW.	2·5	0·0	0·2	417	+153	0·01	6·8
THURS. 24	..	29·078	58·5	43·7	14·8	49·7	47·0	70·0	39·4	55·3	52·8	2·7	7·2	0·6	+ 1·8	91	SW.& SSW.	W. & WSW.	15·0	0·0	1·4	498	+240	0·32	3·5
FRI. . 25	Perigee. New.	29·072	55·8	43·0	12·8	47·9	42·0	100·7	38·3	55·1	52·5	5·9	11·8	2·7	+ 0·4	80	WSW.	SW.&SSW.	1·1	0·0	0·1	329	+ 73	0·00	3·5
SAT. . 26	..	28·945	55·8	39·5	16·3	46·5	44·4	99·8	33·5	54·1	51·8	2·1	7·2	0·0	— 0·7	93	S. & SSW.	W. WNW. & WSW.	2·5	0·0	0·1	311	+ 53	0·45	6·0
MEANS .	..	29·209	58·2	44·3	13·9	50·3	45·7	92·1	39·5	55·9	53·4	4·6	9·7	1·3	+ 2·1	85	SW.		..	..	..	Sum 2226	Sum +361	Sum 0·98	6·0
No. of Col.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. OCTOBER.	Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY . 20	No electricity was shown throughout the week.	0·1	10·3	Overcast generally.
MONDAY . 21		3·0	10·3	A fine day. Generally cloudy.
TUESDAY . 22		2·1	10·2	Overcast with heavy rain in morning; generally fine during remainder of day. Shower of rain and hail in afternoon. Cloudless at night, and lightning was seen frequently.
WEDNESDAY 23		5·0	10·2	Fine and partially cloudy till afternoon; showery in afternoon; fine at night.
THURSDAY . 24		0·4	10·1	Overcast with rain throughout morning; fine in afternoon and evening. The amount of cloud was generally small at night.
FRIDAY . 25		3·9	10·0	Fine; partially cloudy till evening; generally cloudless at night.
SATURDAY . 26		1·1	10·0	Cloudy and showery till evening; fine and cloudless at night. Thunder heard in N.E. shortly before 1h. P.M.
..	..	Sum 15·6	Sum 71·1	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

The temperature of the water of the Thames s ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Sir E. Y. W. Henderson, R.E., K.C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 29·64 in. at the beginning of the week to 29·66 in. by 9h. A.M. on the 20th; decreased to 29·09 in. by 9h. A.M. on the 22nd; increased to 29·47 in. by 9h. P.M. on the 23rd; decreased to 28·95 in. by noon on the 24th; increased to 29·20 in. by 9h. P.M. on the same day; decreased to 29·05 in. by noon on the 25th; increased to 29·11 in. by 9h. P.M. on the same day; decreased to 28·86 in.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
4th November, 1878.

United Kingdom.

During last week 5982 *births* and 3519 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality from all causes was at the average rate of 22 deaths annually in every 1000 persons living. The annual death-rate was 19 per 1000 in Edinburgh, 21 in Glasgow, and 24 in Dublin ; small-pox caused 6 deaths in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow :—Brighton 13, Leicester 15, Bristol 17, Portsmouth 17, Nottingham 18, London 20, Bradford 20, Wolverhampton 20, Newcastle 21, Plymouth 21, Norwich 22, Hull 23, Leeds 24, Birmingham 25, Salford 25, Sunderland 25, Manchester 26, Sheffield 27, Oldham 30, and the highest rate 31 in Liverpool. The annual death-rate from the seven principal zymotic diseases averaged 3·1 per 1000 in the twenty towns, and ranged from 0·5 and 1·3 in Brighton and Bristol, to 5·8 in Salford and Oldham, and 6·5 in Birmingham. Scarlet fever showed the greatest fatality in Birmingham, Liverpool, Oldham, Sunderland, Sheffield, and Leeds. The deaths referred to fever, principally enteric or typhoid, were proportionally most numerous in Portsmouth and Salford. Three fatal cases of small-pox were recorded in London, one in Birmingham, and not one in any of the eighteen other large towns.

London.

In London 2532 births and 1386 deaths were registered. Allowing for increase of population, the births were 33, and the deaths 205 below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two preceding weeks had been equal to 20·0 and 21·1 per 1000, declined again last week to 20·2.

The 1386 deaths included 3 from small-pox, 15 from measles, 49 from scarlet fever, 10 from diphtheria, 22 from whooping-cough, 34 from different forms of fever, and 21 from diarrhœa; thus to the seven principal diseases of the zymotic class 154 deaths were referred, against 171 and 173 in the two preceding weeks. These 154 deaths were 113 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 2·2 per 1000. Scarlet fever was the most fatal zymotic disease in London last week ; the 49 deaths, however, although exceeding the numbers in recent weeks, were 52 below the corrected average, and included 4 in Fulham, 5 in Islington, 4 in Shoreditch, 6 in Bethnal Green, 5 in Lambeth, and 5 in Camberwell. The Metropolitan Asylum Hospitals contained 114, and the London Fever Hospital 68, scarlet fever patients on Saturday last. The 15 deaths from measles were also less than half the corrected average number; 5 occurred in Bethnal Green, and 2 in Whitechapel. The 22 fatal cases of whooping-cough were fewer than in any week since November last. The deaths from diphtheria, which had been 20, 17, 12, and 12 in the four preceding weeks, further declined to 10 last week, of which 2 occurred in Camberwell. The death of a child at 21, Horton Road, Hackney, was somewhat indefinitely referred to " phlegmonous inflammation of throat, 6 days." The deaths referred to fever, which had been 30 in each of the two preceding weeks, rose to 34 last week, and were 6 below the corrected average ; one was a fatal case of typhus, 27 of enteric or typhoid, and 6 of simple continued fever. The death certified as the result of typhus occurred at 6 Crober's Cottages, Poplar. The 27 deaths from enteric fever included 3 in Islington, 2 in Bethnal Green, and 5 in Lambeth. Of the 21 deaths from diarrhœa, 12 were of infants under one year of age. The Metropolitan Asylum Hospitals contained 142 enteric fever patients on Saturday last, of which 15 were admitted during the week ; and 10 were under treatment in the London Fever Hospital.

The fatal cases of small-pox, which had been 5 and 4 in the two previous weeks, further declined to 3 last week ; of these one was of an unvaccinated child, aged

4 years, in the Metropolitan Asylum Hospital at Hampstead, who had been admitted from Holborn, one of an infant, aged 9 months (not stated as to vaccination), at 38, Star Corner, Bermondsey, and the third of an infant, aged 5 months, at 4, Rope Walk, Deptford, who had not been vaccinated on account of ill-health. The Metropolitan Asylum Hospitals contained 112 small-pox patients on Saturday last, against 91 and 97 at the end of the two preceding weeks; the number of new cases admitted to these hospitals, which had been 8 and 21 in the two previous weeks, further rose to 34 last week.

With reference to the death of an infant, aged 11 months, from small-pox, registered during the week ending 26th ultimo, at 27, James Street, Newington, the certifying medical practitioner has since informed the Registrar General that the infant was unvaccinated, as is another child in the same family, aged 8 years, who is now suffering from small-pox. There are six other children in this family, all of whom have been vaccinated, and none of whom have been attacked by small-pox. It would be interesting to know how the infant, aged 11 months, who was born where she died, escaped vaccination.

The mean temperature of the air at the Royal Observatory, Greenwich, averaged 51°·5 Fahrenheit during October, and exceeded by 1°·9 the average for the corresponding month in 100 years. Rain was measured on 13 days to the aggregate amount of 1·7 inches, or rather more than an inch below the average. The measured duration of bright sunshine during the month was 101 hours, corresponding with its duration in the October of 1877.

The deaths from lung diseases, which in the eight preceding weeks, had steadily increased from 158 to 347, further rose to 353 last week, and exceeded the corrected average by 5; 220 resulted from bronchitis, and 90 from pneumonia.

Different forms of violence caused 41 deaths; 36 were the result of negligence or accident, including 19 from fractures and contusions, 6 from burns and scalds, and 8 of infants under one year of age from suffocation. The 19 deaths from fractures and contusions were thus caused:—female 79, run over by van; male 44, thrown from cab; male 50, by horse falling on him; male 67, kicked by horse; male 42, run over on Great Eastern, and male 28, on North London Railway; male 47, and female 43, fell down stairs; male 3, fell from window; male 60, fell from roof; male 57, fell from scaffold; male 52, fell down ship's hold; male 50, fell from ladder; male 18, and female 42, fell in the street whilst intoxicated; male 72, and female 72, fell in the street; male 44, by ladder falling on him; and male 69, by plate of iron falling on him. An inquest was held in each of these 19 cases.

Greater London.

In the Greater London 3063 births and 1646 deaths were registered, equal to annual rates of 35·9 and 19·3 per 1000 of the population. In the Outer Ring, 3 fatal cases of diphtheria were returned in Croydon, and 2 of enteric fever in Enfield sub-district.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 35, Bombay 36, Madras 56; Paris 20; Geneva 22; Brussels 27; Amsterdam 22, Rotterdam 27, The Hague 19; Copenhagen 22; Stockholm 20; Christiania 10; St. Petersburgh 35; Berlin 28, Hamburg 24, Dresden 22, Breslau 26, Munich 29; Vienna 25; Buda-Pesth 34; Rome 21, Naples 23, Turin 21, Venice 30; Alexandria 53; New York 25, Brooklyn 21, Philadelphia 18, and Baltimore 16.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·65 in.; the lowest reading was 29·14 in. at the beginning, and the highest 30·06 in. at the end of the week. The mean temperature of the *air* was 41°·0, and 5°·5 below the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from observations at the Royal Observatory. The mean was considerably below the average on each of the days of the week; the coldest day was Wednesday, when the mean was 37°·3, and 9°·2 below the average. The lowest night temperature was 31°·8 on Wednesday, and the highest day temperature in the shade 51°·8 on Monday; the extreme range in the week was, therefore, 20°·0. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 88°·8 on Sunday. The difference between the mean *dew-point* and *air* temperature averaged 3°·0. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 49°·1. The mean degree of *humidity* of the air was 89, complete saturation being represented by 100; the air was, therefore, of its average dryness. The general direction of the *wind* was North, and the horizontal movement of the air averaged 11·4 miles per hour, which was 0·2 above the average in the corresponding week of 16 years. *Rain* fell on four days of the week, to the aggregate amount of 0·14 of an inch. The duration of registered bright sunshine in the week was 11·2 hours, the sun being above the horizon during 68·0 hours; the recorded duration of sunshine was, therefore, equal to 16 per cent. of its possible duration. The amount of ozone in the air was unusually small.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, 2nd November, 1878.

CITIES AND BOROUGHS. (Municipal Boundaries, except for LONDON and DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 2nd November, 1878.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN-FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
23 TOWNS in the UNITED KINGDOM	220,307	8,373,953	38·0	5982	3519	56·2	26·1	40·4	4·66	0·54	1·37
NDON - - -	75,362	3,577,304	47·5	2532	1386	51·8	31·8	41·0	5·00	0·14	0·36
IGHTON - -	2,354	103,923	44·1	79	26	51·0	32·4	40·7	4·83	0·04	0·10
RTSMOUTH - -	4,486	129,461	28·9	100	43	–	–	–	–	–	–
RWICH - - -	7,472	84,620	11·3	41	36	51·0	30·0	40·3	4·61	0·45	1·14
YMOUTH - -	1,395	73,599	52·8	42	30	54·0	33·0	43·5	6·39	0·67	1·70
ISTOL - - -	4,452	206,419	46·4	151	68	53·1	30·1	40·5	4·72	2·16	5·49
OLVERHAMPTON -	3,396	74,240	21·9	62	29	49·4	29·4	38·6	3·67	0·57	1·45
RMINGHAM - -	8,400	383,117	45·6	301	180	–	–	–	–	–	–
ICESTER - -	3,200	121,473	38·0	78	36	51·0	30·0	39·0	3·89	0·47	1·19
TTINGHAM - -	9,960	165,267	16·6	123	56	50·4	27·0	37·9	3·28	0·24	0·61
VERPOOL - -	5,210	532,681	102·2	396	318	51·0	35·7	42·6	5·90	0·58	1·47
NCHESTER - -	4,293	360,514	84·0	252	181	–	–	–	–	–	–
LFORD - - -	5,170	170,251	32·9	115	82	56·2	26·1	38·5	3·61	0·85	2·16
DHAM - - -	4,666	107,366	23·0	83	61	–	–	–	–	–	–
ADFORD - -	7,220	185,088	25·6	131	72	48·2	32·6	39·9	4·39	0·47	1·19
EDS - - -	21,572	304,948	14·1	236	139	51·0	32·0	41·0	5·00	0·30	0·76
EFFIELD - -	19,651	289,537	14·7	232	150	53·0	31·0	40·4	4·66	0·43	1·09
LL - - -	3,635	143,139	39·4	134	63	51·0	29·0	40·0	4·44	0·47	1·19
NDERLAND - -	2,768	112,459	40·6	79	54	51·0	33·0	40·6	4·78	1·50	3·81
WCASTLE-ON-TYNE	5,371	144,570	26·9	105	59	–	–	–	–	–	–
INBURGH - -	4,191	222,371	53·1	139	79	52·0	30·0	39·1	3·95	0·37	0·94
ASGOW - - -	6,033	566,940	94·0	412	227	52·0	31·7	42·5	5·84	0·00	0·00
BLIN - - -	10,050	314,666	31·3	159	144	55·0	28·2	40·9	4·94	0·05	0·13

For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.

The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the ition of seven and a quarter years' increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, ford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the nber enumerated in April 1871.

ABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday, 2nd November, 1878.

BOROUGHS, &c. (Municipal Boundaries, except for LONDON and DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
				Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.		
In 20 TOWNS -	22·0	3·1	3069	860	487	4	23	200	19	56	67	62	124	194	450
NDON - - -	20·2	2·2	1386	376	268	3	15	49	10	22	34	21	41	80	271
IGHTON - -	13·1	0·5	26	5	7	–	1	–	–	–	–	–	–	–	5
RTSMOUTH - -	17·3	3·2	43	15	5	–	–	–	–	1	5	2	–	1	5
RWICH - - -	22·2	1·8	36	8	13	–	–	1	–	–	1	1	2	2	4
YMOUTH - -	21·3	2·1	30	7	7	–	–	–	1	–	–	2	1	1	2
ISTOL - - -	17·2	1·3	68	26	13	–	–	2	–	1	1	1	3	6	8
LVERHAMPTON -	20·4	1·4	29	12	5	–	–	–	–	–	–	2	–	–	6
MINGHAM - -	24·5	6·5	180	47	24	1	–	39	1	1	3	3	4	7	26
CESTER - -	15·5	1·7	36	10	7	–	–	1	–	–	1	2	1	2	4
TTINGHAM - -	17·7	2·2	56	25	6	–	–	1	–	1	2	3	2	8	2
ERPOOL - -	31·1	5·6	318	77	24	–	–	42	2	4	5	4	48	49	40
NCHESTER - -	26·2	2·9	181	59	24	–	–	10	1	4	1	4	8	14	34
FORD - - -	25·1	5·8	82	25	8	–	2	6	–	1	4	6	3	6	7
DHAM - - -	29·6	5·8	61	21	3	–	1	7	1	–	2	1	–	1	4
ADFORD - -	20·3	2·8	72	26	8	–	–	5	–	4	1	–	4	5	5
EDS - - -	23·8	5·0	139	40	15	–	1	12	1	9	3	3	3	5	9
EFFIELD - -	27·0	5·0	150	35	20	–	3	13	2	4	3	3	1	3	6
LL - - -	23·0	1·5	63	14	15	–	–	2	–	2	–	–	2	3	4
NDERLAND - -	25·1	4·2	54	18	4	–	–	6	–	–	–	3	1	1	4
WCASTLE-ON-TYNE	21·3	2·9	59	14	11	–	–	4	–	2	1	1	–	–	4
BLIN - - -	23·9	4·5	144	21	33	6	–	6	1	2	8	4	5	3	53

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the FORTY-FOURTH Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2342	2293	2198	2143	2291	2470	2579	2374	2613	2667	2397·0	2532
Males . .	1180	1177	1145	1122	1205	1263	1331	1193	1334	1396	1234·6	1277
Females .	1162	1116	1053	1021	1086	1207	1248	1181	1279	1271	1162·4	1255
TOTAL **Deaths**	1521	1772	1343	1400	1306	1653	1445	1583	1403	1447	1487·3	1386
Males . .	777	890	703	679	677	867	751	811	732	776	766·3	726
Females .	744	882	640	721	629	786	694	772	671	671	721·0	660

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Aug. 10.	Aug. 17.	Aug. 24	Aug 31.	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.
TOTAL **Deaths** - - -	1694	1517	1433	1365	1260	1259	1250	1355	1355	1418	1369	1446	1386
0—20 - -	1032	856	805	721	648	629	597	654	677	679	695	720	679
20—40 - -	187	176	191	163	174	193	183	214	188	198	194	196	187
40—60 - -	227	205	194	217	207	211	231	257	230	241	223	251	252
60—80 - -	208	233	202	215	189	187	198	191	216	241	206	234	225
at 80 years & upwds.	40	47	41	49	42	39	41	39	44	59	51	45	43
Deaths of children: Under 1 year -	676	534	492	397	354	331	326	336	380	344	378	355	376
Deaths of children: 1—5 - - -	256	227	232	219	213	214	195	228	208	231	228	263	218
Deaths of children: 5—20 - -	100	95	81	105	81	84	76	90	89	104	89	102	85
Deaths from 7 principal Zymotic Diseases	513	397	340	281	252	211	193	192	190	191	171	173	154
" " Smallpox - -	14	9	10	6	3	7	4	2	4	5	5	4	3
" " Measles - -	14	10	10	7	10	6	2	6	19	13	10	18	15
" " Scarlet Fever -	26	27	24	29	30	27	24	30	34	33	45	46	49
" " Diphtheria -	11	11	11	12	10	13	10	13	20	17	12	12	10
" " Whooping-cough	77	60	74	56	54	37	43	53	40	52	33	33	22
" " Typhus fever -	-	1	1	2	2	5	-	1	2	1	2	-	1
" " Enteric (or Typhoid) fever -	28	12	12	20	18	25	25	20	22	31	24	30	27
" " Simple Contd fever	4	4	3	1	5	2	5	6	4	2	4	-	6
" " Diarrhœa - -	339	263	195	148	120	89	80	61	45	37	36	30	21
" " Simple Cholera -	12	5	6	6	4	1	1	-	-	-	-	-	-
" " Dis. of Respiratory Organs -	155	139	141	175	158	172	215	213	247	286	326	347	353
" " Phthisis - -	173	158	169	157	145	152	161	182	182	159	168	169	172
" " Heart Diseases -	93	82	72	58	72	74	62	81	83	95	68	78	85
Violent Deaths - - -	57	59	35	59	41	43	56	52	30	51	50	63	41
Inquest Cases - - -	91	104	72	91	64	63	85	100	61	109	82	106	80
Deaths in Public Institutions	257	253	231	262	233	246	241	269	213	285	262	268	271
TEMPERATURE OF THE AIR:													
Mean - - - -	65·9°	62·2°	61·5°	61·8°	61·2°	59·1°	54·4°	52·2°	55·8°	56·9°	51·9°	50·3°	41·0°
Mean of Highest readings -	76·3	73·2	70·6	71·5	72·1	71·0	64·0	61·0	66·1	64·2	58·0	58·2	47·1
Mean of Lowest readings -	56·9	54·9	54·4	56·0	52·8	49·8	47·0	44·0	47·6	51·3	45·5	44·3	35·4
Mean Temperature of the Water of the Thames -	66·7	67·1	65·7	64·7	62·8	61·2	61·4	57·7	57·6	58·6	56·2	54·7	49·1
Humidity of the Air - -	76	79	79	85	82	79	79	85	81	78	85	85	89
Rain-fall in inches - -	2·22	1·08	0·71	1·15	0·00	0·02	0·49	0·19	0·13	0·54	0·00	0·98	0·14
Registered Sunshine (in hours)	54·5	41·1	21·5	27·5	31·2	40·1	34·6	9·6	41·0	31·3	18·0	15·6	11·2

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-FOURTH Week of the Year 1878.

CAUSES OF DEATH.	Average in the Forty-fourth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, November 2, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
Mean Temperature -	46°·4	41°·0							
ALL CAUSES - -	1487·3	1386	376	218	85	187	252	225	43
SPECIFIED CAUSES	1479·6	1381	373	218	85	186	252	224	43
I. ZYMOTIC.									
ORDER 1.									
1. Small-pox - - -	14·6	3	2	1	-	-	-	-	-
2. Measles - - -	37·9	15	5	10	-	-	-	-	-
3. Scarlet Fever - -	94·8	49	1	30	17	1	-	-	-
4. Diphtheria - -	7·6	10	1	7	1	1	-	-	-
5. Quinsy - - -	·8	2	-	-	2	-	-	-	-
6. Croup - - -	11·7	7	1	5	1	-	-	-	-
7. Whooping-cough -	34·7	22	5	17	-	-	-	-	-
8. Typhus - - -	37·2 (Enteric or Typhoid Fev.; Simple continued Fev.)	1	-	-	-	-	1	-	-
Enteric or Typhoid Fev.		27	-	2	11	12	2	-	-
Simple continued Fev.		6	-	3	-	1	-	2	-
9. Erysipelas - -	10·0	3	1	-	-	-	1	1	-
10. Puerperal Fev. (Metria)	5·1	7	-	-	1	2	4	-	-
11. Carbuncle - -	·7	-	-	-	-	-	-	-	-
12. Influenza - - -	·5	1	-	-	-	-	-	1	-
13. Dysentery - -	2·1	1	-	-	-	-	1	-	-
14. Diarrhœa - - -	22·4	21	12	2	1	-	1	5	-
15. Simple Cholera - -	·6	-	-	-	-	-	-	-	-
16. Ague - - - -	·2	-	-	-	-	-	-	-	-
17. Remittent Fever -	·1	-	-	-	-	-	-	-	-
18. Rheumatism - -	10·4	4	-	-	-	1	1	2	-
19. Other *Zymotic* Diseases	·2	1	-	1	-	-	-	-	-
ORDER 2.									
1. Syphilis - - -	9·6	8	7	1	-	-	-	-	-
2. Stricture of Urethra -	1·7	2	-	-	-	-	2	-	-
3. Hydrophobia - -	·3	-	-	-	-	-	-	-	-
4. Glanders - - -	—	-	-	-	-	-	-	-	-
ORDER 3.									
1. Privation - - -	·3	1	-	-	-	-	-	1	-
2. Want of Breast-milk	9·1	11	11	-	-	-	-	-	-
3. Purpura and Scurvy -	1·9	1	-	1	-	-	-	-	-
4. Alcoholism { *a* Del. Tremens	1·3	1	-	-	-	-	1	-	-
{ *b* Intemperance	1·4	2	-	-	-	-	2	-	-
ORDER 4.									
1. Thrush - - -	4·0	1	1	-	-	-	-	-	-
2. Worms, &c. - -	·3	1	-	-	1	-	-	-	-
II. CONSTITUTIONAL.									
ORDER 1.									
1. Gout - - - -	2·9	1	-	-	-	-	-	1	-
2. Dropsy - - -	10·9	3	-	-	-	2	-	1	-
3. Cancer - - -	35·7	35	-	-	-	4	16	15	-
4. Cancrum Oris (Noma)	·7	1	1	-	-	-	-	-	-
5. Mortification - -	3·9	3	-	-	-	-	1	1	1
ORDER 2.									
1. Scrofula - - -	7·3	7	1	4	1	-	1	-	-
2. Tabes Mesenterica -	25·8	25	14	8	2	-	1	-	-
3. Phthisis - - -	168·5	172	9	1	16	83	56	7	-
4. Hydrocephalus - -	22·0	23	4	16	3	-	-	-	-
III. LOCAL.									
ORDER 1.									
1. Cephalitis - - -	15·8	30	12	11	5	1	1	-	-
2. Apoplexy - - -	40·3	41	4	1	-	3	10	21	2
3. Paralysis - - -	28·5	25	-	1	-	-	8	16	-
4. Insanity - - -	1·9	1	-	-	-	1	-	-	-
5. Chorea - - -	·1	1	-	-	-	-	1	-	-
6. Epilepsy - - -	6·8	3	-	-	-	-	2	1	-
7. Convulsions - -	48·4	36	33	3	-	-	-	-	-
8. *Brain Disease, &c.* -	20·0	17	1	1	1	3	8	3	-
ORDER 2.									
1. Pericarditis - -	3·7	3	-	-	-	2	1	-	-
2. Aneurism - - -	2·8	5	-	-	-	-	3	2	-
3. *Heart Disease, &c.* -	74·9	77	-	-	3	12	28	32	2
ORDER 3.									
1. Laryngitis - - -	5·9	13	4	7	-	1	1	-	-
2. Bronchitis - - -	196·6	220	83	35	3	6	32	46	15
3. Pleurisy - - -	3·5	6	1	1	1	1	2	-	-
4. Pneumonia - -	92·7	90	31	31	5	7	10	6	-
5. Asthma - - -	8·6	5	-	-	-	-	4	1	-
6. *Lung Disease, &c.* -	17·6	19	11	1	1	2	3	-	1

CAUSES OF DEATH.	Average in the Forty-fourth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, November 2, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
Mean Temperature -	46°·4	41°·0							
ORDER 4.									
1. Gastritis - - -	1·8	2	-	-	-	1	1	-	-
2. Enteritis - - -	5·4	2	1	1	-	-	-	-	-
3. Peritonitis - - -	5·8	9	-	1	-	5	1	2	-
4. Ascites - - -	2·3	1	-	-	-	-	-	1	-
5. Ulceration of Intestines	3·1	4	-	2	-	1	-	1	-
6. Hernia - - -	3·2	3	2	-	-	1	-	-	-
7. Ileus - - - -	3·6	2	-	-	-	-	-	2	-
8. Intussusception -	1·3	-	-	-	-	-	-	-	-
9. Stricture of Intestines	·6	2	-	-	-	1	-	1	-
10. Fistula - - -	·9	-	-	-	-	-	-	-	-
11. *Stomach Disease, &c.* -	7·0	7	3	-	-	1	3	-	-
12. *Pancreas Disease, &c.*	·1	-	-	-	-	-	-	-	-
13. Hepatitis - - -	4·4	3	-	-	-	1	2	-	-
14. Jaundice - - -	4·2	2	-	-	-	-	1	1	-
15. *Liver Disease, &c.* -	22·0	27	-	-	-	6	10	10	1
16. *Spleen Disease, &c.* -	·4	-	-	-	-	-	-	-	-
ORDER 5.									
1. Nephritis - - -	2·9	6	-	-	2	3	-	1	-
2. Ischuria - - -	·1	-	-	-	-	-	-	-	-
3. Bright's Dis. (Nephria)	13·2	12	-	-	-	4	3	5	-
4. Diabetes - - -	2·6	1	-	-	-	-	1	-	-
5. Calculus (Stone) -	·9	1	-	-	-	-	-	1	-
6. Cystitis - - -	1·4	2	-	-	-	-	2	-	-
7. *Kidney Disease, &c.* -	10·7	8	-	-	1	2	2	3	-
ORDER 6.									
1. Ovarian Dropsy -	·7	1	-	-	-	1	-	-	-
2. *Uterus Disease, &c.* -	6·4	3	-	-	1	2	-	-	-
ORDER 7.									
1. Synovitis (Arthritis)	·3	1	-	-	-	-	-	1	-
2. *Joint Disease, &c.* -	4·6	7	-	2	-	2	3	-	-
ORDER 8.									
1. Phlegmon - - -	3·5	2	-	-	1	-	1	-	-
2. Ulcer - - - -	1·6	2	-	-	-	1	1	-	-
3. *Skin Disease, &c.* -	·8	4	2	-	1	1	-	-	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth -	20·4	35	35	-	-	-	-	-	-
2. Cyanosis - - -	2·2	2	2	-	-	-	-	-	-
3. Spina Bifida - -	1·2	-	-	-	-	-	-	-	-
4. Other Malformations	1·7	2	1	1	-	-	-	-	-
5. Teething - - -	9·8	9	6	3	-	-	-	-	-
ORDER 2.									
1. Paramenia - - -	·2	-	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever) - -	6·8	2	-	-	-	1	1	-	-
ORDER 3.									
1. Old Age - - -	45·1	41	-	-	-	-	-	21	20
ORDER 4.									
1. Atrophy and Debility	61·3	65	56	3	-	-	3	3	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	18·2	19	-	1	1	2	9	6	-
2. Wounds { Gunshot	·7	-	-	-	-	-	-	-	-
{ Cut, Stab		-	-	-	-	-	-	-	-
3. Burns and Scalds -	5·8	6	-	3	1	1	-	-	1
4. Poison - - -	1·4	-	-	-	-	-	-	-	-
5. Drowning - - -	3·8	1	-	-	-	-	1	-	-
6. Suffocation - -	9·3	8	8	-	-	-	-	-	-
7. Otherwise - - -	3·0	2	-	-	-	2	-	-	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	1·5	1	1	-	-	-	-	-	-
ORDER 4. SUICIDE.)									
1 Wounds { Gunshot -	·4	-	-	-	-	-	-	-	-
{ Cut, Stab -	1·1	2	-	-	-	1	1	-	-
2. Poison - - -	1·1	1	-	-	1	-	-	-	-
3. Drowning - - -	·5	1	-	-	-	-	1	-	-
4. Hanging - - -	·7	-	-	-	-	-	-	-	-
5. Otherwise - - -	·3	-	-	-	-	-	-	-	-
ORDER 5. (EXECUTION.)									
1. Hanging - - -	—	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - -	·7	-	-	-	-	-	-	-	-
Causes not specified or ill-defined - -	7·0	5	3	-	-	1	-	1	-

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
LONDON - - -	3,254,260	2532	1386	376	268	3	15	49	10	22	1	27	6	21	41	80	271
WEST DISTRICTS - - - -	561,359	385	239	66	53	-	3	9	1	5	-	-	1	2	6	12	33
NORTH DISTRICTS - - - -	751,729	551	261	75	45	1	-	12	3	7	-	8	1	6	6	14	52
CENTRAL DISTRICTS - - -	334,369	196	152	32	24	-	1	5	2	2	-	6	-	1	7	16	43
EAST DISTRICTS - - - -	639,111	527	276	82	57	-	7	11	2	4	1	4	2	5	13	23	62
SOUTH DISTRICTS - - - -	967,692	873	458	121	89	2	4	12	2	4	-	9	2	7	9	15	81
WEST DISTRICTS.																	
St. Mary Paddington *WH* G.J. & W.M.	58728	49	29	9	5	-	-	2	-	2	-	-	-	-	-	1	2
St. John Paddington *H* - - G.J.	38085	13	11	2	3	-	-	-	-	-	-	-	-	-	-	-	3
Kensington Town *W* - - - W.M.	91645	66	44	12	11	-	1	2	-	3	-	-	-	1	1	2	2
Brompton *H* - - - W.M. & C.	28654	17	10	-	3	-	-	-	-	-	-	-	-	-	-	-	3
St. Peter Hammersmith - - W.M.	6662	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith *H* W.M. & G.J.	36029	41	11	3	3	-	-	1	1	-	-	-	-	-	1	1	-
Fulham *WwH* - - - W.M. & C.	23350	37	25	9	4	-	1	3	-	-	-	-	1	-	1	1	2
Chelsea South *HHH* - - - C.	26420	27	10	4	1	-	-	-	-	-	-	-	-	-	-	-	-
Chelsea North-west *WHHHH* - C.	22926	14	12	4	5	-	1	-	-	-	-	-	-	1	-	1	2
Chelsea North-east - - - C.	21392	7	7	1	1	-	-	-	-	-	-	-	-	-	-	2	-
Hanover Square *H* - - - G.J.	18698	5	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-
May Fair *WW* - - - - G.J.	13358	6	6	1	2	-	-	-	-	-	-	-	-	-	-	-	5
Belgrave *HH* - - - - C.	57972	35	29	5	9	-	-	-	-	-	-	-	-	-	1	1	9
St. John Westminster *HH* - - C.	38478	23	7	3	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Margaret Westminster *WH* - C.	27781	17	7	1	-	-	-	-	-	-	-	-	-	-	-	1	2
Golden Square *WH* - - - G.J.	12860	3	6	1	2	-	-	1	-	-	-	-	-	-	-	-	2
Berwick-street *H* - N.R. & G.J.	20759	8	5	3	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Anne Soho *HHHHH* - - N.R.	17562	11	14	5	1	-	-	-	-	-	-	-	-	-	2	2	1
NORTH DISTRICTS.																	
All Souls Marylebone *HHHH* - W.M.	28579	15	12	1	1	-	-	-	1	-	-	-	-	-	-	-	5
Cavendish Square *HH* - - - W.M.	15425	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone *WH* G.J. & W.M.	26384	20	14	4	5	-	-	-	-	1	-	-	-	-	-	-	6
St. Mary Maryleb. *HHH* G.J. & W.M.	21786	14	6	3	-	-	-	-	-	-	-	-	-	-	-	1	-
Christchurch Marylebone *H* - W.M.	33944	20	11	4	2	-	-	1	-	1	-	-	-	-	1	1	-
St. John Marylebone *H* - - W.M.	33136	20	7	4	1	-	-	-	-	-	-	-	-	-	-	-	-
Hampstead *WwHH* - N.R. & W.M.	32281	19	9	1	2	1	-	-	-	-	-	-	-	-	-	-	4
Regent's Park Pancras - - - W.M.	38200	14	5	2	1	-	-	-	-	-	-	-	-	1	-	-	-
Tottenham-court *wHHH* N.R.&W.M.	29370	15	9	1	-	-	-	-	-	-	-	-	-	-	1	1	6
Gray's Inn Lane *HHH* - - N.R.	29221	10	18	6	2	-	-	-	-	-	-	-	-	-	2	3	5
Somers Town - - - - N.R.	38533	23	7	2	2	-	-	-	-	-	-	-	-	1	-	-	-
Camden Town *WH* - - - N.R.	17943	29	7	2	3	-	-	-	-	-	-	-	-	-	-	1	3
Kentish Town *w* - - - - N.R.	68198	68	22	9	3	-	-	2	1	1	-	-	-	-	-	2	1
Islington West *HHH* - - N.R.	97820	77	27	6	6	-	-	2	-	2	-	4	1	-	1	2	4
Islington East *WWwwH* - - N.R.	115958	107	50	16	7	-	-	3	1	1	-	1	-	3	-	2	6
Stoke Newington *H* - - - N.R.	9841	16	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Stamford Hill - - - - E.L.	6598	1	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney - - - - N.R.	28069	26	13	3	2	-	-	1	-	1	-	-	-	-	-	-	-
Hackney *WwwHL* - - E.L.&N.R.	50104	39	25	4	5	-	-	3	-	-	-	3	-	1	-	-	12
South Hackney - - - - E.L.	30339	23	9	4	1	-	-	-	-	-	-	-	-	-	1	1	-
CENTRAL DISTRICTS.																	
St. George Bloomsbury - - N.R.	17853	7	9	-	2	-	-	-	-	1	-	-	-	-	-	-	-
St. Giles South *WH* - - - N.R.	19109	26	12	4	2	-	-	-	-	-	-	-	-	-	1	2	5
St. Giles North - - - - N.R.	16594	13	4	2	-	-	-	-	-	-	-	-	-	-	-	1	-
St. Martins-in-the-Fields* - N.R. & C.	21238	7	9	-	1	-	-	-	-	-	-	2	-	-	1	2	3
St. Mary-le-Strand - - - N.R.	9378	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes *H* - - - N.R.	10723	10	8	2	2	-	-	-	-	-	-	1	-	-	-	-	4
St. George-the-Martyr *HHHHH* N.R.	20521	6	7	1	1	-	-	-	-	-	-	-	-	-	1	2	3
St. Andrew Eastern *W* - - N.R.	13529	6	11	1	3	-	-	-	-	-	-	-	-	-	1	1	10
Saffron Hill *H* - - - - N.R.	9066	4	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell *W* - - N.R.	18917	15	9	3	-	-	1	-	-	-	-	-	-	1	-	1	-
Amwell Clerkenwell - - - N.R.	16884	12	4	1	-	-	-	-	-	-	-	-	-	-	-	2	-
Pentonville - - - - - N.R.	13337	15	3	-	-	-	-	1	1	-	-	-	-	-	-	-	-
Goswell-street - - - - N.R.	16242	14	6	1	2	-	-	-	-	-	-	1	-	-	-	-	-
Old-street *H* - - - - N.R.	12161	11	7	4	1	-	-	1	-	-	-	-	-	-	-	-	-
City-road *HHL* - - - - N.R.	18301	14	9	2	-	-	-	1	-	-	-	1	-	-	-	-	1
Whitecross-street - - - - N.R.	13792	5	8	2	-	-	-	1	-	-	-	-	-	-	1	2	-
Finsbury - - - - - N.R.	10741	4	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-
St. Botolph *H* - - - N.R.&E.L.	14540	8	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Cripplegate - - - - - N.R.	13638	2	4	1	1	-	-	-	-	1	-	-	-	-	-	-	-
St. Sepulchre *H* - - - - N.R.	7562	3	16	-	3	-	-	1	-	-	-	1	-	-	2	2	15
St. Bride *W* - - - - - N.R.	11185	3	6	2	2	-	-	-	1	-	-	-	-	-	-	-	2
Castle Baynard - - - - N.R.	4426	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch - - - - N.R.	6270	1	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe - - - - - N.R.	4753	2	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking - - - N.R.	5764	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street *H* - - - - N.R.	7845	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* On 1st August the sub-districts of Long Acre and Charing Cross were united for registration purposes under the name of St. Martins-in-the-Fields sub-district.

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands. See note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifies Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East London; and K. the Kent Company.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
turday, 2nd November 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
olywell Shoreditch - N.R. & E.L.	12430	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
. Leonard Shoreditch *HL*† - N.R.	16545	8	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-
oxton New Town *w* - - N.R.	27835	20	12	4	3	-	-	1	-	-	-	-	-	-	-	-	2
oxton Old Town - - N.R.	26933	33	9	5	-	-	-	1	-	-	-	-	-	-	-	1	-
aggerston *WH* - - N.R. & E.L.	43421	41	26	7	8	-	-	2	-	-	-	-	1	1	1	2	5
ackney-road *H* - - - - E.L.	29822	26	10	5	1	-	1	2	-	-	-	-	-	-	-	-	-
reen, Bethnal Green *WHL*† - E.L.	42433	36	18	2	5	-	1	3	-	2	-	2	1	-	-	1	4
hurch, Bethnal Green - - E.L.	26577	19	12	5	-	-	2	1	-	-	-	-	-	-	-	-	-
own, Bethnal Green - - - E.L.	21272	25	7	5	-	-	1	-	-	-	-	-	-	-	-	-	-
italfields *H* - - E.L. & N.R.	22499	15	8	3	2	-	-	-	-	-	-	-	-	-	2	4	1
ile End New Town *W* - - E.L.	15550	15	4	2	-	-	2	-	-	-	-	-	-	-	-	-	-
hitechapel North - E.L. & N.R.	11597	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
hitechapel Church *H* - - E.L.	7322	2	20	-	2	-	-	-	-	-	-	1	-	-	2	2	18
oodman's Fields - - - E.L.	10381	12	7	4	-	-	-	-	-	-	-	-	-	-	-	-	-
ldgate - - - - N.R. & E.L.	9224	1	2	-	-	-	-	-	-	-	-	-	-	-	1	1	-
. Mary St. George East - - E.L.	17900	15	2	-	-	-		-	1	-	-	-	-	-	-	-	-
. Paul St. George East - - E.L.	21350	11	8	5	1	-	-	-	-	-	-	-	-	-	-	-	-
. John St. George East *W* - E.L.	8802	11	8	1	5	-	-	-	-	-	-	-	-	1	-	-	5
adwell *H* - - - E.L. & N.R.	11640	4	4	2	-	-	-	-	-	-	-	-	-	-	-	-	2
atcliff - - - - - - E.L.	16131	7	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-
imehouse - - - - E.L.	29919	33	9	2	2	-	-	-	-	-	-	-	-	1	2	2	-
ile End Old Town West - - E.L.	38128	23	15	6	8	-	-	1	-	-	-	-	-	-	-	2	-
ile End Old Town East *WwwH* - E.L.	55024	43	23	6	8	-	-	-	1	-	-	-	-	-	1	2	8
ow *wwwH* - - - - - E.L.	67765	74	42	9	15	-	-	-	-	1	-	-	-	-	2	3	17
oplar *WW* - - - - - E.L.	48611	42	19	6	1	-	-	-	-	1	1	1	-	1	2	3	-
SOUTH DISTRICTS.																	
hristchurch Southwark *WH* L. & S.	14573	7	5	-	1	-	-	-	-	-	-	-	-	-	-	-	1
. Saviour Southwark *H* - - S.	15677	11	7	3	1	-	-	1	-	-	-	-	-	1	1	1	-
ent-road - - - S. & L.	20421	22	8	5	1	-	-	-	-	1	-	-	-	1	-	-	-
orough-road *WH* - - S. & L	16695	8	5	1	1	-	1	-	-	-	-	-	-	-	1	1	2
ondon-road *HL* - - L. & S.	18961	13	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-
rinity Newington - - S. & L.	23682	23	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-
. Peter Walworth *W* - S. & L.	48248	53	36	6	7	-	1	-	-	1	-	-	-	-	1	2	9
. Mary Newington - - L. & S.	16792	15	8	2	1	-	-	-	-	-	-	-	-	-	-	-	-
. Olave Southwark *H* - - S.	4373	1	9	-	2	-	-	-	-	-	-	1	-	-	1	1	9
. John Horsleydown *W* - - S.	10500	23	7	3	1	-	-	-	-	-	-	-	-	-	-	-	-
eather Market - - S. & L.	16787	16	8	5	2	-	-	-	-	-	-	-	-	-	-	-	-
. Mary Magdalen *W* - - S.	15709	13	12	3	4	1	1	-	-	-	-	-	-	-	-	-	6
. James Bermondsey - - S.	47933	46	26	3	5	-	-	-	-	-	-	1	-	-	-	-	-
otherhithe *W* - - - S. & K.	27096	31	16	1	3	-	-	-	-	-	-	-	-	1	-	-	6
aterloo-road 1st *H* - - L. & S.	14074	15	7	3	3	-	-	-	-	-	-	-	-	1	-	-	-
aterloo-road 2nd *H* - - L. & S.	18465	13	6	2	2	-	-	-	-	1	-	-	-	-	-	-	-
ambeth Church 1st *H* - L. & S.	19492	17	14	3	1	-	-	-	-	-	-	2	1	-	1	1	8
ambeth Church 2nd *WW* - L. & S.	35833	36	20	3	9	-	-	-	-	-	-	-	-	1	2	2	12
ennington 1st - - - S. & L.	41286	31	20	5	2	-	-	3	-	-	-	1	-	1	-	-	-
ennington 2nd - - - S. & L.	31221	19	9	2	3	-	-	-	-	-	-	-	-	-	-	-	-
rixton *w* - - - - L. & S.	35435	34	18	4	4	-	-	2	-	-	-	3	-	-	-	-	4
orwood *W* - - - - L.	12536	12	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
lapham *H* - - - - - S.	27347	20	12	4	3	-	-	-	-	-	-	-	-	-	-	-	-
attersea *Ww* - - - - S.	54016	88	35	11	4	-	-	1	-	-	-	-	-	-	-	1	5
andsworth *HL* - - - S.	19783	17	7	2	-	-	-	-	-	-	-	-	-	-	-	2	1
utney - - - - - - S.	9439	6	7	5	2	-	1	-	-	-	-	-	-	-	-	-	-
treatham - - - - - - L.	14475	14	5	2	1	-	-	-	-	-	-	-	-	1	-	-	-
ulwich - - - - L. & S.	4041	2	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-
amberwell *WL*†*L*† - - S. & L.	31254	24	15	2	6	-	-	2	-	-	-	-	-	-	1	1	4
eckham *W* - - - S., L., & K.	42160	52	24	7	4	-	-	3	1	1	-	-	-	-	-	-	1
. George Camberwell - - L. & S.	33851	29	12	4	2	-	-	-	1	-	-	1	-	-	-	1	-
. Paul Deptford *w* - - - K.	53714	53	20	11	1	-	-	-	-	-	-	-	1	-	-	-	-
. Nicholas Deptford - - - K.	6474	2	2	1	1	1	-	-	-	-	-	-	-	-	-	-	-
reenwich West - - - - K.	21034	10	5	4	-	-	-	-	-	-	-	-	-	-	-	-	-
reenwich East *WH* - - - K.	19378	16	12	1	-	-	-	-	-	-	-	-	-	-	1	1	7
ltham *H* - - - - - K.	4539	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
ee - - - - - - K.	16440	12	8	3	1	-	-	-	-	-	-	-	-	-	-	-	-
ewisham Village *WH* - - K.	11513	8	5	-	3	-	-	-	-	-	-	-	-	-	-	-	3
ydenham *H* - - - - L.	19065	13	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
harlton *H* - - - - - K.	9564	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
oolwich Dockyard - - - K.	17226	6	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-
oolwich Arsenal *WHH* - - K.	18331	12	5	2	2	-	-	-	-	-	-	-	-	-	-	-	-
lumstead, West - - - - K.	13027	10	6	1	2	-	-	-	-	-	-	-	-	-	-	1	-
lumstead, East *W* - - - K.	15232	16	9	1	1	-	-	-	-	-	-	-	-	-	-	-	2

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the ove Table by *w*:—

Central London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary " " "
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.
London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 2nd November 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
	LONDON—OUTER RING	368,414	631,381	531	260	64	68	-	1	3	6	6	6	4	8	16	25
29 : 1	Carshalton *wL* - - -	12228	13523	11	10	3	4	-	1	-	-	-	1	-	-	-	-
2	Epsom (*part of*) * *WH* -	9971	9145	4	2	-	1	-	-	-	-	-	-	-	-	-	
36 : 1	Godstone (*part of*) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	57	25	3	9	-	-	-	3	-	-	1	1	1	1
2	Mitcham *WH* - - -	11697	12534	12	5	-	1	-	-	-	-	-	1	-	-	1	-
38 : 1	Wimbledon *HH* - -	3220	9087	6	2	-	-	-	-	-	-	-	-	-	-	-	-
2	Kingston *WH* - - -	8549	27489	19	11	1	7	-	-	-	-	-	-	-	-	-	3
3	Esher (*part of*) * - -	6601	7353	3	1	-	-	-	-	-	-	-	-	-	-	-	-
4	Hampton - - - -	4573	10185	8	2	1	-	-	-	-	-	-	-	-	-	1	-
39 : 1	Richmond *WH* - - -	2271	16829	10	6	2	1	-	-	-	-	-	-	1	-	-	-
2	Mortlake - - - -	2961	9316	9	6	1	1	-	-	-	1	-	-	-	-	1	-
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	17	6	2	1	-	-	-	-	1	-	-	1	1	-
2	Chislehurst (*part of*) * *W* -	13665	10028	12	1	1	-	-	-	-	-	-	-	1	-	-	
41 : 1	Bexley *H* - - - -	13439	19566	9	6	3	1	-	-	-	-	-	1	-	-	-	-
123 : 1	Sunbury *W* - - -	11055	9860	5	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Staines *W* - - - -	13277	10339	10	8	2	3	-	-	-	-	-	-	-	-	-	2
124 : 1	Hillingdon *WH* - - -	6029	9712	9	4	1	-	-	-	-	1	-	-	-	-	-	-
2	Uxbridge - - - -	6178	5329	-	2	1	-	-	-	-	-	-	-	-	-	-	-
3	Hayes *WL* - - - -	14587	10497	9	4	1	2	-	-	-	-	-	-	-	-	-	1
125 : 1	Isleworth *W* - - -	7008	19930	20	8	4	1	-	-	-	-	-	-	-	-	-	2
2	Twickenham - - -	2477	10533	4	6	1	1	-	-	1	-	-	-	-	-	-	-
3	Brentford *HL* - - -	4370	20279	23	10	3	2	-	-	-	-	2	-	-	1	2	-
4	Chiswick - - - -	1311	8508	10	5	3	-	-	-	-	-	1	-	-	-	-	-
5	Acton *WH* - - - -	6087	12683	13	3	-	2	-	-	-	-	-	-	-	-	-	-
126 : 1	Harrow *H* - - - -	13809	10869	5	2	-	2	-	-	-	-	-	-	-	-	-	-
2	Edgware *H* - - -	6994	3450	3	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	19	9	4	1	-	-	-	-	-	-	1	1	2	-
4	Hendon *WH* - - -	8382	6972	3	2	-	1	-	-	-	-	-	-	-	-	-	1
127 : 1	South Mimms - - -	15419	5924	5	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Barnet *W* - - - -	5423	7752	2	4	2	2	-	-	-	-	-	-	-	-	-	2
3	Finchley *L* - - - -	4688	11493	16	6	1	2	-	-	-	-	-	-	-	-	-	3
128 : 1	Hornsey *H* - - - -	3039	19357	17	7	2	2	-	-	-	-	-	-	-	-	-	-
2	Tottenham *H* - - -	4642	22869	22	8	-	2	-	-	-	-	-	-	-	2	3	1
3	Edmonton *WW* - - -	7483	13860	13	13	2	7	-	-	1	-	-	-	-	-	-	8
4	Enfield *WH* - - -	12653	16054	13	10	4	1	-	-	-	-	-	2	-	-	-	-
5	Waltham Abbey - - -	11017	5197	2	2	-	1	-	-	-	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	1	2	-	-	-	-	-	-	-	-	-	-	-	-
134 : 1	Hatfield (*part of*) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	2	2	-	-	-	-	1	-	-	-	-	-	-	-
185 : 1	Stratford - - - -	882	23286	32	7	2	1	-	-	-	-	-	1	-	-	-	-
2	West Ham *WWWW* - -	7345	44642	62	34	10	4	-	-	-	-	-	-	-	2	4	-
3	Leyton *WW* - - -	4274	15513	8	11	3	3	-	-	-	1	-	-	-	-	-	1
4	Walthamstow *H* - -	6619	15701	14	3	-	2	-	-	-	-	-	-	-	-	-	-
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	4	-	-	-	-	-	-	-	-	-	-	-	-	-
188 : 1	Romford (*part of*) * - -	6730	2879	2	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford - - - - -	8492	5947	-	2	-	-	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	6	3	1	-	-	-	-	-	2	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:—29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Godstone sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except the two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 903); 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoydon-Bois (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

ABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 2nd November, 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Deaths in Public Institutions.
TER LONDON	446,494	4,450,015	19·3	2·1	1646	440	336	3	16	52	16	28	40	25	49	296
NER LONDON -	78,080	3,577,304	20·2	2·2	1386	376	268	3	15	49	10	22	34	21	41	271
TER RING -	368,414	872,711	15·6	1·6	260	64	68	–	1	3	6	6	6	4	8	25

.—The area of the Greater London is 446,494 acres; of which 4,997 acres are tidal water and foreshore. This area is equal 647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area 14 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, h 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than s to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,758,933 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	September 21	–	286	34·7	Fevers 111; small-pox 6.
BOMBAY - -	644,405	October 1	–	563	35·9	Fevers 178.
MADRAS - -	397,552	September 13	286	452	59·1	Fevers 98; diarrhœal diseases 151.
		" 20	370	430	56·2	Fevers 112; diarrhœal diseases 131.
PARIS - -	1,988,806	October 31	–	779	20·4	Typhoid fever 23.
GENEVA - -	68,792	" 26	33	29	22·0	—
BRUSSELS - -	175,782	" 19	88	91	27·0	Typhoid fever 4.
AMSTERDAM -	302,266	" 19	202	129	22·2	Typhus and typhd. fev. 3; scarlet fever 3.
ROTTERDAM -	142,585	" 19	86	73	26·6	Scarlet fever 5.
THE HAGUE -	107,896	" 19	86	39	18·8	Scarlet fever 2; meales 2.
COPENHAGEN -	220,000	" 29	170	94	22·3	Typhoid fever 2.
STOCKHOLM -	152,825	" 19	–	59	20·1	—
CHRISTIANIA -	105,000	" 26	103	20	9·7	Scarlet fever 2.
ST. PETERSBURGH	669,741	" 19	–	447	34·7	Small-pox 28; typhus & typhoid fever 25.
BERLIN - -	1,019,620	" 12	798	557	28·0	Scarlet fever 27; diph. 25; typhus fever 14.
HAMBURG (State)	406,104	" 19	296	186	23·9	Scarlet fever 5.
DRESDEN - -	207,845	" 19	127	90	22·2	Diphtheria and croup 6.
BRESLAU - -	267,000	" 26	183	134	26·1	Scarlet fever 8; typhus and typhoid fever 6.
MUNICH - -	222,000	" 26	151	124	29·0	Diphtheria and croup 9.
VIENNA - -	727,271	" 26	481	354	25·3	Diphtheria 21; small-pox 6.
BUDA-PESTH -	319,530	" 19	232	207	33·7	Small-pox 8; diphtheria 5.
ROME - -	282,214	September 28	135	116	21·4	Typhus and typhd. fev. 3.
NAPLES - -	457,407	" 23	–	196	22·4	—
		" 30	–	199	22·7	—
TURIN - -	227,843	October 19	133	93	21·3	Typhus and typhoid fever 6.
VENICE - -	139,796	" 26	65	80	29·9	Small-pox 5; diphtheria and croup 4.
ALEXANDRIA -	212,034	" 17	174	217	53·4	Whooping-cough 12.
NEW YORK -	1,084,528	" 5	–	516	24·8	Diphtheria 17; whooping-cough 12.
BROOKLYN -	549,438	" 5	–	221	20·9	Diphtheria 21.
PHILADELPHIA -	876,118	" 12	–	298	17·7	Diphtheria 13; typhoid fever 12.
BALTIMORE -	355,000	" 12	–	108	15·9	Typhoid fever 3.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 2nd NOVEMBER, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.	Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Difference. Great-est.	Difference. Least.	Difference. Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure on square foot. Great-est.	Osler's. Pressure. Least.	Osler's. Pressure. Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	Robinson's. Depart-ure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
		in	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
OCTOBER.																									
SUN. . 27	..	29·371	50·1	36·5	13·6	43·6	41·2	88·8	30·5	53·5	50·3	2·4	6·4	0·0	− 3·3	91	WSW. & N.	N. & NNW.	0·0	0·0	0·0	162	− 97	0·00	0·2
MON. . 28	..	29·533	51·8	37·1	14·7	43·8	39·4	85·6	33·0	53·3	49·3	4·4	10·4	0·2	− 2·9	84	W. & WSW.	WNW. WSW. & W.	3·9	0·0	0·2	406	+146	0·02	0·8
TUES. . 29	Greatest Dec. S.	29·610	45·3	35·7	9·6	40·7	34·7	65·0	32·8	51·3	48·3	6·0	9·7	3·7	− 5·9	79	WNW.	W. NW. & NNW.	2·2	0·0	0·2	380	+117	0·00	0·0
WED. . 30	..	29·529	43·2	31·8	11·4	37·3	35·9	51·4	27·9	50·3	47·3	1·4	4·8	0·0	− 9·2	95	WNW. & WSW.	WNW. & W.	2·7	0·0	0·1	311	+ 41	0·08	0·0
THURS. 31	..	29·712	43·6	35·1	8·5	39·2	38·5	59·8	31·1	49·3	46·3	0·7	4·4	0·0	− 7·2	98	N. & NW.	WSW. W. & N.	0·0	0·0	0·0	158	−118	0·03	0·0
NOVEMBER.																									
FRI. . 1	FirstQr.	29·799	48·4	38·3	10·1	42·5	39·9	73·5	34·0	48·8	45·3	2·6	7·1	0·0	− 3·7	90	NNE. & NE.	NNE. & N.	0·3	0·0	0·0	241	− 37	0·01	0·0
SAT. . 2	..	29·991	47·0	33·3	13·7	39·8	36·6	60·9	28·4	48·1	45·3	3·2	6·1	1·0	− 6·2	89	N. & NNW.	N.	1·0	0·0	0·0	262	− 15	0·00	3·0
MEANS .	..	29·649	47·1	35·4	11·7	41·0	38·0	69·3	31·1	50·7	47·4	3·0	7·0	0·7	− 5·5	89	N.		..	..	..	Sum 1920	Sum + 37	Sum 0·14	0·6
No. of Col.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. OCTOBER.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY .	27	No electricity was shown throughout the week.	1·7	9·9	Foggy in morning; fine and partially cloudy till evening; cloudless at night.
MONDAY .	28		4·2	9·8	Partially cloudy. Occasional showers of rain and hail.
TUESDAY .	29		0·0	9·8	Cloudy throughout.
WEDNESDAY	30		0·2	9·7	Overcast generally. Snow and rain fell in the morning. Foggy throughout afternoon and evening. Lightning at night.
THURSDAY .	31		0·8	9·7	Cloudy and foggy in morning; thin cloud prevailed in afternoon; overcast with rain in evening.
NOVEMBER.					
FRIDAY	1		2·1	9·6	Overcast with rain in morning; fine but generally cloudy afterwards.
SATURDAY	2		2·2	9·5	Hoar frost in early morning; generally cloudy till afternoon; cloudless at night.
..		..	Sum 11·2	Sum 68·0	
No. of Col.		28	29	30	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and − "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Sir E. Y. W. Henderson, R.E., K.C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 29·14 in. at the beginning of the week to 29·57 in. by 9h. A.M. on the 28th; decreased to 29·49 in. by 9h. P.M. on the same day; increased to 29·63 in. by 9h. A.M. on the 29th; decreased to 29·50 in. by 3h. P.M. on the 30th of October; and increased to 30·06 in. by the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
November 11th, 1878.

United Kingdom.

During last week 6203 *births* and 3914 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality from all causes was at the average rate of 24 deaths annually in every 1000 persons living. The annual death-rate was 24 per 1000 in Edinburgh, 25 in Glasgow, and 25 in Dublin; small-pox caused 2 deaths in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Norwich 14, Brighton 21, Nottingham 21, Portsmouth 22, Wolverhampton 22, Newcastle-upon-Tyne 22, Leicester 22·3, London 23, Leeds 24, Plymouth 24, Sheffield 25, Sunderland 25, Liverpool 26, Bradford 26, Salford 27, Manchester 28, Hull 28, Bristol 28, Birmingham 29, and the highest rate 37 in Oldham. The annual death-rate from the seven principal zymotic diseases averaged 3·4 per 1000 in the twenty towns, and ranged from 0·0 and 0·5 in Norwich and Brighton, to 7·9 and 9·2 in Sunderland and Oldham. The deaths from scarlet fever in the twenty towns, which had been 176, 187, and 200 in the three preceding weeks, further rose to 212 last week; the disease showed the greatest fatality in Oldham, Birmingham, Sunderland, and Sheffield. In Sheffield 4 deaths from scarlet fever were registered in one house, and the local registrar reports that 4 deaths from this disease were recorded in the same house during 1876. The deaths referred to fever, principally enteric or typhoid, were proportionally most numerous in Bradford and Hull. Small-pox caused 9 deaths in London, but not one in any of the nineteen large provincial towns.

London.

In London 2607 births and 1590 deaths were registered. Allowing for increase of population, the births exceeded by 87, whereas the deaths were 25 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two preceding weeks had been equal to 21·1 and 20·2, rose last week to 23·2.

The 1590 deaths included 9 from small-pox, 18 from measles, 60 from scarlet fever, 11 from diphtheria, 33 from whooping-cough, 36 from different forms of fever, and 26 from diarrhœa; thus to the seven principal diseases of the zymotic class 193 deaths were referred, against 173 and 154 in the two preceding weeks. These 193 deaths were 65 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 2·8 per 1000. The fatal cases of scarlet fever, which had increased from 24 to 49 in the seven preceding weeks, further rose to 60 last week, which were, however, 32 below the corrected average; they included 5 in Fulham, 6 in Hackney, 7 in Shoreditch, 7 in Lambeth, and 5 in Camberwell. The Metropolitan Asylum Hospitals contained 133, and the London Fever Hospital 77, scarlet fever patients on Saturday last. The 18 deaths from measles, of which 10 occurred in East London (including 5 in Bethnal Green), were 25 below the average. The 33 from whooping-cough differed but slightly from the average; 5 occurred in Poplar. The 11 deaths referred to diphtheria, showed an excess of 3, and included 2 in Lambeth. The 36 fatal cases of fever showed a further increase of 2 upon the numbers in recent weeks, and were but 3 below the corrected average; 3 were certified as typhus, 31 as enteric or typhoid, and 2 as simple continued fever. The 3 deaths referred to typhus occurred in Garden Court, City; at 87, East Street, Newington; and in the Stockwell Fever Hospital; the latter case was admitted from Southwark. The 31 deaths from enteric fever included 5 in Pancras, and 3 in Newington; two fatal cases were recorded in King's College Hospital, one of which had been admitted from Walthamstow. The Metropolitan Asylum Hospitals con-

tained 132 enteric fever patients on Saturday last, of which 16 were admitted during the week; and 12 were under treatment in the London Fever Hospital.

The fatal cases of small-pox, which had been but 4 and 3 in the two previous weeks, rose last week to 9, all of which were recorded in the Metropolitan Asylum Hospitals at Deptford and Hampstead, including 6 which had been admitted to those institutions from Southwark. Eight of these 9 fatal cases were certified as unvaccinated; the ninth was of a vaccinated adult. The Metropolitan Asylum Hospitals contained 119 small-pox patients on Saturday last, against 91, 97, and 112 at the end of the three preceding weeks; the number of new cases admitted to these Hospitals, which had been 8, 21, and 34 in the three previous weeks, further rose to 37 last week. The Highgate Small-pox Hospital contained 2 patients on Saturday last.

Six deaths were referred to puerperal fever, including one in the British Lying-in Hospital, and 3 in South London.

The deaths referred to diseases of the respiratory organs, which had steadily increased from 158 to 353 in the nine preceding weeks, further rose to 434 last week, and exceeded the corrected average by 38; 277 resulted from bronchitis.

Different forms of violence caused 50 deaths; 47 were the result of negligence or accident, including 25 from fractures and contusions, 4 from burns and scalds, 3 from drowning, 2 from poison, and 10 of infants under one year of age from suffocation. The 25 deaths from fractures and contusions were thus caused:—males 14 and 68, run over by carts; male 24, run over by cab; male 10, run over by omnibus; male 45, thrown from gig; males 4 and 68, run over by vans; male 44, knocked down by truck; female 75 and male 3, fell down stairs; females 78 and 79, fell in the street; male 7, fell off railings; female 37, fell from chair; male 8 months, fell from bed; male 64, fell from ladder; male 52, fell down hold of barge; male 35, by jumping from steps to the ground; male 34, by fall with stool; male 38, by fall of canister upon him; male 58, struck by a deal; female 62, fell while carrying tub; male 38, jammed by lift; male 36, by fall; and female 78, by fracture of thigh bone. An inquest was held in each of these 25 cases, except the last, which was certified by a registered medical practitioner.

Greater London.

In Greater London 3173 births and 1896 deaths were registered, equal to annual rates of 37·2 and 22·2 per 1000 of the population. In the Outer Ring, 4 fatal cases of scarlet fever occurred in Tottenham; and diphtheria caused 2 deaths in Hornsey and one in Edmonton. Of the 9 deaths referred to fever in the Outer Ring, 3 were recorded in Croydon, and 3 in Leyton sub-districts.

Dr. Frankland reports, as the result of his analyses of the waters supplied to the Metropolis, during October, that taking the average amount of organic impurity in a given volume of the Kent Company's water, during the nine years ending December 1876, to represent unity, the proportional amount of such impurity in an equal volume of water supplied by each of the other Companies, and by the Tottenham Local Board, was:—Tottenham 1·2, New River 1·2, Colne Valley 1·5, Kent 1·8, East London 2·3, Lambeth 3·1, Southwark 3·3, West Middlesex 3·3, Grand Junction 3·3, and Chelsea 3·9. The quality of the water supplied by the five Companies drawing their supply from the Thames was considerably superior to that of the water delivered in the previous month, and all the water was efficiently filtered before delivery; the best water from this source was delivered by the Lambeth, and the worst by the Chelsea Companies. The Lea water was of much better quality than that drawn from the Thames; the New River water, however, was "slightly turbid, owing to the presence of white filamentous crystals of car-"bonate of lime." The deep well waters supplied by the Kent and Colne Valley Companies, and by the Tottenham Local Board, were of their usual excellent quality; that supplied by the Colne Valley Company being softened, was the only water fit for washing purposes delivered in London.

Dr. Hill, Medical Officer of Health, reports that the water supplied to Birmingham was clear and that it contained less nitrogen than during the month of September. Dr. Mills reports that the Loch Katrine water supplied to Glasgow was of a light brown colour, and contained a quantity of suspended matter which consisted of "muddy particles and flakes."

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 31, Bombay 35, Madras 56; Paris 23; Geneva 9;

Brussels 30; Amsterdam 19, Rotterdam 18, The Hague 23; Copenhagen 18; Stockholm 12; Christiania 17; St. Petersburgh 30; Berlin 27, Hamburg 21, Dresden 15, Breslau 23, Munich 29; Vienna 24, Buda-Pesth 32; Rome 23, Naples 25, Turin 23, Venice 31; Alexandria 45; New York 25, Brooklyn 17, Philadelphia 15, and Baltimore 20.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·63 in.; the highest reading was 30·06 in. at the beginning of the week, and the lowest 29·22 in. on Friday. The mean temperature of the *air* was 38°·8, and 6°·2 below the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from observations at the Royal Observatory. The mean was considerably below the average on each day of the week; the coldest day was Monday when the mean was only 37°·3, showing a deficiency of 8°·3. The lowest night temperature was 30°·7 on Sunday, and the highest day temperature in the shade 46°·2 on Thursday; the extreme range in the week was, therefore, 15°·5. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 78°·2 on Tuesday. The difference between the mean *dew-point* and *air* temperature averaged 4°·5. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police ship, was 44°·1. The mean degree of *humidity* of the air was 82, complete saturation being represented by 100. The general direction of the *wind* was north-westerly, and the horizontal movement of the air averaged 13·9 miles per hour, which was 2·6 above the average in the corresponding week of 16 years. *Rain* fell on one day of the week, to the amount of 0·10 of an inch. The duration of registered bright sunshine in the week was 15·5 hours, the sun being above the horizon during 65·1 hours; the recorded duration of sunshine was, therefore, equal to 24 per cent. of its possible duration. No ozone was measured on the first four days of the week, and very little on the last three.

The Registrar General has to acknowledge the courtesy of the London Water Companies who have furnished him with the average daily quantity of Water supplied during the month of October 1878; according to their returns 135,676,172 gallons or 616,439 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 246 gallons (111·8 decalitres), rather more than a *ton* by weight, to each house, and 34·6 gallons (15·7 decalitres) to each person, against 32·1 gallons during October 1877.

Companies.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons (including that for Manufactures and for various purposes other than for domestic consumption) during the Month of	
	October 1877.	October 1878.	October 1877.	October 1878.
Total Supply	538,021	551,972	122,683,192	135,676,172
From Thames	253,253	260,472	61,814,324	68,244,356
From Lea and from other Sources	284,768	291,500	60,868,868	67,431,816
Thames.				
Chelsea	28,859	29,152	8,425,200	8,157,100
West Middlesex	50,016	51,251	9,671,577	9,898,593
Southwark and Vauxhall	79,190	81,829	18,800,000	24,539,091
Grand Junction	37,683	38,462	11,057,547	11,455,529
Lambeth	57,505	59,778	13,860,000	14,194,043
Lea and other Sources.				
New River	126,144	127,577	26,919,000	28,878,000
East London	113,192	117,084	26,635,800	29,710,000
Kent	45,432	46,839	7,314,068	8,843,816

Note.—The Return for October 1878, as compared with that for the corresponding month of 1877, shows an increase of 13,951 houses, and of 12,992,980 gallons of water supplied daily.

Analysis of Metropolitan Water Supply during October.

Royal College of Chemistry, South Kensington Museum,
5th November, 1878.

Sir,

I have to report to you in the following Table the results of the chemical analyses of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of October.

I append, also, the results obtained in the analyses of the waters supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the nine years ending December 1876 as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies, and by the Tottenham Local Board, was:—Tottenham 1·2, New River 1·2, Colne Valley 1·5, Kent 1·8, East London 2·3, Lambeth 3·1, Southwark 3·3, West Middlesex 3·3, Grand Junction 3·3, and Chelsea 3·9.

The Thames water supplied to London has considerably improved since September, and it was efficiently filtered by all the Companies. The best water from this source was supplied by the Lambeth Company, and the worst by the Chelsea Company.

The quality of the Lea water delivered by the New River and East London Companies was much better than that of the Thames; but the New River water was slightly turbid, owing to the presence of white filamentous crystals of carbonate of lime.

The water supplied by the Kent and Colne Valley Companies, and by the Tottenham Local Board, was clear and of its usual excellent quality for dietetic purposes. The Colne valley water was also soft, and was the only water fit for washing delivered in London.

Seen through a stratum two feet deep, the waters presented the following appearances:—Kent, Colne Valley, Tottenham, and East London, clear and colourless; New River, colourless, and slightly turbid; West Middlesex and Lambeth, nearly colourless; Southwark and Grand Junction, very pale yellow; Chelsea, pale yellow.

Dr. Hill, the Medical Officer of Health for Birmingham, reports that the water supplied to that town "was clear and the organic nitrogen was less than in last month's sample."

Dr. Mills, F.R.S., of Anderson's College, Glasgow, reports that the water supplied to that city from Loch Katrine "was light brown in colour, and contained a pretty large quantity of suspended matter, consisting of muddy particles and flakes."

I am, &c.

The Registrar General, &c. &c. E. Frankland.

Results of Analyses expressed in Parts per 100,000.

Companies or Local Authorities.	Date and Place of Collection.	Temperature in centigrade degrees.	Total Solid Matters.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Nitrates and Nitrites.	Total combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle. Thames: Chelsea	3rd October, Cab Rank, Horse Guards.	13°·3	25·90	·208	·024	0	·090	·114	1·7	18·9
Inner Circle. Thames: West Middlesex	3rd October, Cab Rank, Portland-road.	15·3	28·06	·176	·019	0	·162	·181	1·6	19·1
Inner Circle. Thames: Southwark	3rd October, Cab Rank, St. George's Church, Borough.	14·0	28·06	·176	·017	0	·160	·177	1·6	20·6
Inner Circle. Thames: Grand Junction	3rd October, Lancaster-gate, Hyde Park.	13·3	27·06	·174	·021	0	·116	·137	1·6	19·4
Inner Circle. Thames: Lambeth	3rd October, Cab Rank, Westminster Bridge-road.	13·8	28·96	·169	·012	0	·095	·107	1·6	20·6
Inner Circle. Other Sources: New River	3rd October, Cab Rank, Tottenham-court-road.	14·0	26·60	·108	·008	0	·200	·208	1·5	20·6
Inner Circle. Other Sources: East London	3rd October, Royal Hotel, Mile-End-rd.	13·0	28·08	·146	·013	0	·087	·100	1·6	19·4
Inner Circle. Other Sources: Kent	5th October, Deptford Bridge Police Station.	12·3	44·66	·096	·011	0	·430	·441	2·5	29·7
Outer Circle. Colne Valley	2nd October, Bushey.	11·1	12·24	·071	·018	0	·298	·316	1·4	5·3
Outer Circle. Tottenham Local Board	8th October, High-street, Tottenham.	–	47·32	·065	·011	·005	·449	·464	3·3	27·9
Corporation of Birmingham*	11th October, 38 Gibb-street.	11·1	27·00	·238	·032	·003	·110	·144	1·5	20·2
Corporation of Glasgow †	15th October, Loch Katrine service.	12·2	3·20	·159	·007	·000	·008	·015	·55	1·43
Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

* Analysed by Dr. Alfred Hill, Medical Officer of Health and Analyst to the Borough.
† Analysed by Dr. E. J. Mills, F.R.S., of Anderson's College, Glasgow.

The numbers in columns 4–11 relate to 100,000 parts of the waters. The Table is to be read thus: the Chelsea Company's water, collected on the 3rd October at the Horse Guards cab-rank, had a temperature of 13°·3 C.; 100,000 lbs. of it contained 25·90 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·208 lb. of carbon and ·024 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·090 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of *combined* nitrogen in every form was ·114 lb. The above weight of water also contained 1·7 lbs. of chlorine; and 18·9 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, 9th November 1878.

CITIES AND BOROUGHS. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 9th November, 1878.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
In 23 TOWNS in the UNITED KINGDOM	220,307	8,373,953	38·0	6203	3914	51·5	29·0	39·7	4·28	0·77	1·96
LONDON - - -	75,362	3,577,304	47·5	2607	1590	46·2	30·7	38·8	3·78	0·10	0·25
BRIGHTON - -	2,354	103,923	44·1	42	41	47·0	33·0	38·6	3·67	0·54	1·37
PORTSMOUTH - -	4,486	129,461	28·9	98	54	–	–	–	–	–	–
NORWICH - - -	7,472	84,620	11·3	44	22	47·0	34·8	40·2	4·55	1·56	3·96
PLYMOUTH - -	1,395	73,599	52·8	65	34	50·0	32·5	40·8	4·89	0·32	0·81
BRISTOL - - -	4,452	206,419	46·4	154	110	50·6	29·3	39·6	4·23	1·25	3·17
WOLVERHAMPTON -	3,396	74,240	21·9	45	31	46·2	29·3	36·9	2·72	1·15	2·92
BIRMINGHAM - -	8,400	383,117	45·6	353	211	–	–	–	–	–	–
LEICESTER - -	3,200	121,473	38·0	92	52	46·8	30·5	39·2	4·00	0·27	0·69
NOTTINGHAM - -	9,960	165,267	16·6	116	68	48·4	29·2	38·7	3·72	0·27	0·69
LIVERPOOL - -	5,210	532,681	102·2	464	263	50·0	37·1	42·1	5·62	0·70	1·78
MANCHESTER - -	4,293	360,514	84·0	306	191	–	–	–	–	–	–
SALFORD - - -	5,170	170,251	32·9	144	87	–	–	–	–	–	–
OLDHAM - - -	4,666	107,366	23·0	94	77	–	–	–	–	–	–
BRADFORD - -	7,220	185,088	25·6	131	93	46·0	31·8	39·2	4·00	0·68	1·73
LEEDS - - -	21,572	304,948	14·1	247	141	48·0	33·0	40·5	4·72	0·53	1·35
SHEFFIELD - -	19,651	289,537	14·7	214	136	49·3	32·0	41·4	5·22	0·80	2·03
HULL - - -	3,635	143,139	39·4	111	76	46·0	29·0	39·1	3·95	1·53	3·89
SUNDERLAND - -	2,768	112,459	40·6	81	53	45·0	32·0	39·8	4·34	1·36	3·45
NEWCASTLE-ON-TYNE	5,371	144,570	26·9	105	61	–	–	–	–	–	–
EDINBURGH - -	4,191	222,371	53·1	131	101	45·5	29·5	37·9	3·28	0·97	2·46
GLASGOW - - -	6,033	566,940	94·0	359	270	48·0	31·0	40·0	4·44	0·37	0·94
DUBLIN - - -	10,050	314,666	31·3	200	152	51·5	27·7	41·5	5·28	0·67	1·70

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.
† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven and a quarter years' increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday, 9th November, 1878.

BOROUGHS, &c. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
				Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.		
In 20 TOWNS -	24·3	3·4	3391	794	688	9	30	212	27	68	78	56	113	214	533
LONDON - - -	23·2	2·8	1590	367	365	9	18	60	11	33	36	26	50	109	307
BRIGHTON - -	20·6	0·5	41	3	13	–	–	–	–	–	–	1	3	3	10
PORTSMOUTH - -	21·8	1·2	54	11	11	–	1	–	–	–	1	1	1	1	5
NORWICH - - -	13·6	0·0	22	3	10	–	–	–	–	–	–	–	–	1	2
PLYMOUTH - -	24·1	2·8	34	9	8	–	–	–	2	–	2	–	1	1	1
BRISTOL - - -	27·8	1·0	110	22	28	–	–	1	–	2	1	–	4	7	20
WOLVERHAMPTON -	21·8	0·7	31	11	7	–	–	1	–	–	–	–	3	3	10
BIRMINGHAM - -	28·7	6·8	211	53	30	–	–	35	3	7	2	3	12	21	37
LEICESTER - -	22·3	1·3	52	15	12	–	1	–	–	–	1	1	2	6	4
NOTTINGHAM - -	21·5	1·6	68	14	16	–	–	–	–	–	3	2	6	7	5
LIVERPOOL - -	25·8	5·3	263	43	33	–	1	34	4	4	8	3	8	11	41
MANCHESTER - -	27·6	3·8	191	55	32	–	3	10	3	3	2	5	4	11	30
SALFORD - - -	26·7	4·6	87	29	12	–	5	4	1	2	3	–	3	5	7
OLDHAM - - -	37·4	9·2	77	17	9	–	1	16	–	1	1	–	1	2	7
BRADFORD - -	26·2	3·7	93	26	11	–	–	4	–	1	6	2	–	2	6
LEEDS - - -	24·1	4·6	141	41	18	–	–	13	–	8	3	3	4	12	10
SHEFFIELD - -	24·5	5·0	136	32	29	–	–	18	2	4	2	2	4	4	13
HULL - - -	27·7	1·8	76	18	19	–	–	–	–	–	4	1	3	3	7
SUNDERLAND - -	24·6	7·9	53	13	7	–	–	10	1	1	1	4	1	2	4
NEWCASTLE-ON-TYNE	22·0	4·3	61	12	18	–	–	6	–	2	2	2	3	3	7
DUBLIN - - -	25·2	4·3	152	28	27	2	3	5	–	3	12	1	9	11	53

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the FORTY-FIFTH Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2145	2271	2216	2206	2462	2458	2400	2449	2510	2432	2354·9	2607
Males . .	1063	1160	1174	1091	1266	1235	1245	1251	1268	1256	1200·9	1339
Females .	1082	1111	1042	1115	1196	1223	1155	1198	1242	1176	1154·0	1268
TOTAL **Deaths**	1387	1689	1468	1365	1181	1832	1517	1567	1635	1448	1508·9	1590
Males . .	716	841	782	705	607	926	808	782	817	758	774·2	790
Females .	671	848	686	660	574	906	709	785	818	690	734·7	800

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.	Nov. 9.
TOTAL **Deaths** - - -	1517	1433	1365	1260	1259	1250	1355	1355	1418	1369	1446	1386	1590
0—20 - -	856	805	721	648	629	597	654	677	679	695	720	679	734
20—40 - -	176	191	163	174	193	183	214	188	198	194	196	187	206
40—60 - -	205	194	217	207	211	231	257	230	241	223	251	252	285
60—80 - -	233	202	215	189	187	198	191	216	241	206	234	225	304
at 80 years & upwds.	47	41	49	42	39	41	39	44	59	51	45	43	61
Deaths of children: Under 1 year -	534	492	397	354	331	326	336	380	344	378	355	376	367
Deaths of children: 1—5 - -	227	232	219	213	214	195	228	208	231	228	263	218	282
Deaths of children: 5—20 - -	95	81	105	81	84	76	90	89	104	89	102	85	85
Deaths from 7 principal Zymotic Diseases	397	340	281	252	211	193	192	190	191	171	173	154	193
" " Small-pox - -	9	10	6	3	7	4	2	4	5	5	4	3	9
" " Measles - -	10	10	7	10	6	2	6	19	13	10	18	15	18
" " Scarlet fever -	27	24	29	30	27	24	30	34	33	45	46	49	60
" " Diphtheria -	11	11	12	10	13	10	13	20	17	12	12	10	11
" " Whooping-cough	60	74	56	54	37	43	53	40	52	33	33	22	33
" " Typhus fever -	1	1	2	2	5	–	1	2	1	2	–	1	3
" " Enteric (or Typhoid) fever -	12	12	20	18	25	25	20	22	31	24	30	27	31
" " Simple Contd fever	4	3	1	5	2	5	6	4	2	4	–	6	2
" " Diarrhœa - -	263	195	148	120	89	80	61	45	37	36	30	21	26
" " Simple Cholera -	5	6	6	4	1	1	–	–	–	–	–	–	–
" " Dis. of Respiratory Organs -	139	141	175	158	172	215	213	247	286	326	347	353	434
" " Phthisis - -	158	169	157	145	152	161	182	182	159	168	169	172	162
" " Heart Diseases -	82	72	58	72	74	62	81	83	95	68	78	85	98
Violent Deaths - - -	59	35	59	41	43	56	52	30	51	50	63	41	50
Inquest Cases - - -	104	72	91	64	63	85	100	61	109	82	106	80	109
Deaths in Public Institutions	253	231	262	233	246	241	269	213	285	262	268	271	307
TEMPERATURE OF THE AIR:	°	°	°	°	°	°	°	°	°	°	°	°	°
Mean - - - -	62·2	61·5	61·8	61·2	59·1	54·4	52·2	55·8	56·9	51·9	50·3	41·0	38·8
Mean of Highest readings -	73·2	70·6	71·5	72·1	71·0	64·0	61·0	66·1	64·2	58·0	58·2	47·1	44·4
Mean of Lowest readings -	54·9	54·4	56·0	52·8	49·8	47·0	44·0	47·6	51·3	45·5	44·3	35·4	32·9
Mean Temperature of the Water of the Thames -	67·1	65·7	64·7	62·8	61·2	61·4	57·7	57·6	58·6	56·2	54·7	49·1	44·1
Humidity of the Air - -	79	79	85	82	79	79	85	81	78	85	85	89	82
Rain-fall in inches - -	1·08	0·71	1·15	0·00	0·02	0·49	0·19	0·13	0·54	0·00	0·98	0·14	0·10
Registered Sunshine (in hours)	41·1	21·5	27·5	31·2	40·1	34·6	9·6	41·0	31·3	18·0	15·6	11·2	15·5

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-FIFTH Week of the Year 1878.

CAUSES OF DEATH.	Average in the Forty-fifth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, November 9, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature	43·2	38·8							
ALL CAUSES	1508·9	1590	367	282	85	206	285	304	61
SPECIFIED CAUSES	1503·2	1588	365	282	85	206	285	304	61
I. ZYMOTIC.									
ORDER 1.									
1. Small-pox	19·4	9	-	1	4	3	-	1	-
2. Measles	39·4	18	2	16	-	-	-	-	-
3. Scarlet Fever	86·2	60	3	37	19	1	-	-	-
4. Diphtheria	7·5	11	-	7	4	-	-	-	-
5. Quinsy	·7	1	-	1	-	-	-	-	-
6. Croup	12·7	13	1	11	1	-	-	-	-
7. Whooping-cough	34·0	33	11	22	-	-		-	-
8. Typhus	36·8 (Enteric or Typhoid Fev.; Simple continued Fev.)	3	-	-	-	2	1	-	-
		31	1	6	7	12	4	1	-
		2	-	1	-	1	-	-	-
9. Erysipelas	11·1	4	-	1	-	1	1	1	-
10. Puerperal Fev. (Metria)	9·6	6	-	-	-	6	-	-	-
11. Carbuncle	1·0	-	-	-	-	-	-	-	-
12. Influenza	·7	-	-	-	-	-	-	-	-
13. Dysentery	·6	2	-	-	-	-	1	1	-
14. Diarrhœa	18·1	26	14	5	-	-	2	5	-
15. Simple Cholera	·3	-	-	-	-	-	-	-	-
16. Ague	·3	-	-	-	-	-	-	-	-
17. Remittent Fever	·3	-	-	-	-	-	-	-	-
18. Rheumatism	13·7	7	-	-	1	2	4	-	-
19. Other *Zymotic* Diseases	·4	2	2	-	-	-	-	-	-
ORDER 2.									
1. Syphilis	8·0	8	4	-	-	1	3	-	-
2. Stricture of Urethra	1·5	-	-	-	-	-	-	-	-
3. Hydrophobia	·1	-	-	-	-	-	-	-	-
4. Glanders	-	-	-	-	-	-	-	-	-
ORDER 3.									
1. Privation	·3	-	-	-	-	-	-	-	-
2. Want of Breast-milk	9·7	6	6	-	-	-	-	-	-
3. Purpura and Scurvy	3·3	3	1	1	-	-	-	-	1
4. Alcoholism: *a* Del. Tremens	1·2	1	-	-	-	1	-	-	-
4. Alcoholism: *b* Intemperance	1·1	4	-	-	-	2	1	1	-
ORDER 4.									
1. Thrush	3·1	5	5	-	-	-	-	-	-
2. Worms, &c.	·1	2	-	-	-	1	1	-	-
CONSTITUTIONAL.									
ORDER 1.									
1. Gout	2·0	1	-	-	-	-	-	1	-
2. Dropsy	9·8	9	-	1	-	-	2	5	1
3. Cancer	35·8	41	-	1	-	5	16	18	1
4. Cancrum Oris (Noma)	·2	1	-	-	-	1	-	-	-
5. Mortification	2·4	2	-	-	-	-	-	2	-
ORDER 2.									
1. Scrofula	7·9	15	7	4	2	2	-	-	-
2. Tabes Mesenterica	22·0	25	14	9	1	1	-	-	-
3. Phthisis	165·2	162	4	5	11	67	61	14	-
4. Hydrocephalus	23·7	18	5	10	3	-	-	-	-
III. LOCAL.									
ORDER 1.									
1. Cephalitis	13·3	19	4	13	1	1		-	-
2. Apoplexy	34·9	51	1	2	3	3	22	18	2
3. Paralysis	29·6	32	-	-	-	6	9	17	-
4. Insanity	2·2	2	-	-	-	-	2	-	-
5. Chorea	·1	-	-	-	-	-	-	-	-
6. Epilepsy	7·5	7	-	-	1	2	1	3	-
7. Convulsions	47·9	49	42	6	-	-	-	1	-
8. *Brain Disease, &c.*	18·2	27	3	-	2	2	12	7	1
ORDER 2.									
1. Pericarditis	4·1	2	-	-	-	1	1	-	-
2. Aneurism	3·3	3	-	-	-	1	2	-	-
3. *Heart Disease, &c.*	73·0	93	1	-	2	19	28	40	3
ORDER 3.									
1. Laryngitis	7·2	7	2	2	1	1	1	-	-
2. Bronchitis	222·5	277	92	61	5	6	34	66	13
3. Pleurisy	4·5	7	-	2	1	2	1	1	-
4. Pneumonia	104·6	106	31	24	7	14	18	10	2
5. Asthma	10·0	10	-	-	-	1	6	1	2
6. *Lung Disease, &c.*	21·5	27	10	4	-	2	4	5	2
ORDER 4.									
1. Gastritis	2·8	2	2	-	-	-	-	-	-
2. Enteritis	5·3	7	1	2	-	1	2	1	-
3. Peritonitis	5·2	4	-	-	-	2	2	-	-
4. Ascites	2·6	6	1	-	-	1	2	2	-
5. Ulceration of Intestines	3·6	3	-	-	-	1	-	2	-
6. Hernia	2·3	7	-	-	-	1	1	5	-
7. Ileus	2·9	3	1	-	-	1	1	-	-
8. Intussusception	1·3	2	1	-	1	-	-	-	-
9. Stricture of Intestines	·9	-	-	-	-	-	-	-	-
10. Fistula	·3	1	-	-	-	-	-	1	-
11. *Stomach Disease, &c.*	5·9	9	3	1	1	-	2	2	-
12. *Pancreas Disease, &c.*	-	-	-	-	-	-	-	-	-
13. Hepatitis	3·8	4	-	-	-	-	1	2	1
14. Jaundice	4·1	3	1	-	-	-	-	1	1
15. *Liver Disease, &c.*	19·3	19	-	-	-	2	9	8	-
16. *Spleen Disease, &c.*	·5	1	-	1	-	-	-	-	-
ORDER 5.									
1. Nephritis	3·1	6	-	1	-	2	2	-	1
2. Ischuria	·6	-	-	-	-	-	-	-	-
3. Bright's Dis. (Nephria)	13·7	20	-	1	1	5	7	6	-
4. Diabetes	2·6	5	-	-	-	1	2	2	-
5. Calculus (Stone)	1·0	-	-	-	-	-	-	-	-
6. Cystitis	1·2	4	-	-	-	-	1	3	-
7. *Kidney Disease, &c.*	9·0	11	-	2	1	2	-	5	1
ORDER 6.									
1. Ovarian Dropsy	·4	1	-	-	-	-	1	-	-
2. *Uterus Disease, &c.*	4·9	3	-	-	-	1	2	-	-
ORDER 7.									
1. Synovitis (Arthritis)	·7	-	-	-	-	-	-	-	-
2. *Joint Disease, &c.*	5·7	8	-	3	2	-	1	2	-
ORDER 8.									
1. Phlegmon	3·5	1	-	-	-	1	-	-	-
2. Ulcer	1·2	2	-	-	-	-	1	1	-
3. *Skin Disease, &c.*	1·1	1	1	-	-	-	-	-	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth	23·0	25	25	-	-	-	-	-	-
2. Cyanosis	3·1	4	3	1	-	-	-	-	-
3. Spina Bifida	·8	2	1	1	-	-	-	-	-
4. Other Malformations	1·7	-	-	-	-	-	-	-	-
5. Teething	9·6	7	2	5	-	-	-	-	-
ORDER 2.									
1. Paramenia	·2	-	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever)	6·7	5	-	-	-	5	-	-	-
ORDER 3.									
1. Old Age	47·1	51	-	-	-	-	-	24	27
ORDER 4.									
1. Atrophy and Debility	60·6	61	46	6	-	-	1	8	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	18·2	25	1	2	3	7	4	8	-
2. Wounds: Gunshot	·4	-	-	-	-	-	-	-	-
2. Wounds: Cut, Stab		-	-	-	-	-	-	-	-
3. Burns and Scalds	5·9	4	-	2	-	-	-	-	2
4. Poison	·7	2	-	-	-	-	1	1	-
5. Drowning	3·1	3	-	-	-	1	2	-	-
6. Suffocation	8·2	12	10	1	-	-	-	1	-
7. Otherwise	3·3	1	-	-	-	-	1	-	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	1·6	1	-	-	-	1	-	-	-
ORDER 4. (SUICIDE.)									
1. Wounds: Gunshot	·4	-	-	-	-	-	-	-	-
1. Wounds: Cut, Stab	1·1	-	-	-	-	-	-	-	-
2. Poison	·8	1	-	-	-	1	-	-	-
3. Drowning	1·0	-	-	-	-	-	-	-	-
4. Hanging	·7	-	-	-	-	-	-	-	-
5. Otherwise	·9	1	-	-	-	-	1	-	-
ORDER 5. (EXECUTION.)									
1. Hanging	-	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained)	·8	-	-	-	-	-	-	-	-
Causes not specified or ill-defined	4·9	2	2	-	-	-	-	-	-

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered ring 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, nslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age.	Deaths of Persons aged 60 Years & upwds.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
LONDON - - -	3,254,260	2607	1590	367	365	9	18	60	11	33	3	31	2	26	50	109	307
WEST DISTRICTS - - - -	561,359	390	279	62	69	-	1	9	1	9	-	6	-	8	11	18	56
NORTH DISTRICTS - - -	751,729	587	351	77	79	2	1	14	3	6	-	11	-	7	10	19	65
CENTRAL DISTRICTS - - -	334,369	169	134	23	30	-	-	3	1	2	1	6	1	1	6	13	36
EAST DISTRICTS - - - -	639,111	589	296	77	63	-	10	13	3	8	-	2	-	6	10	30	66
SOUTH DISTRICTS - - - -	967,692	872	530	128	124	7	6	21	3	8	2	6	1	4	13	29	84
WEST DISTRICTS.																	
St. Mary Paddington *WH* G.J. & W.M.	58728	43	20	4	5	-	-	2	-	1	-	-	-	-	-	1	1
St. John Paddington *H* - - G.J.	38085	9	14	3	6	-	-	-	-	-	-	-	-	-	3	4	3
Kensington Town *W* - - - W.M.	91645	76	49	11	15	-	-	1	1	1	-	-	-	1	-	-	5
Brompton *H* - - - W.M. & C.	28654	14	10	3	3	-	-	-	-	-	-	1	-	-	1	2	2
St. Peter Hammersmith - - W.M.	6662	3	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
St. Paul Hammersmith *H* W.M. & G.J.	36029	41	25	1	8	-	-	2	-	1	-	1	-	-	2	4	2
Fulham *WwH* - - - W.M. & C.	23350	31	15	4	2	-	-	3	-	-	-	-	-	2	-	1	-
Chelsea South *HHH* - - - C.	26420	22	13	3	3	-	-	-	-	1	-	-	-	-	-	1	2
Chelsea North-west *WHHHH* - C.	22926	9	24	3	7	-	1	-	-	-	-	1	-	2	-	1	14
Chelsea North-east - - - C.	21392	33	13	4	3	-	-	-	-	-	-	-	-	1	-	-	-
Hanover Square *H* - - - G.J.	18698	6	4	3	-	-	-	-	-	-	-	-	-	-	1	1	-
May Fair *WW* - - - - G.J.	13358	3	10	-	3	-	-	-	-	-	-	-	-	-	-	-	9
Belgrave *HH* - - - - C.	57972	31	31	4	4	-	-	-	-	2	-	-	-	-	2	2	9
St. John Westminster *HH* - - C.	38478	24	11	6	1	-	-	-	-	1	-	-	-	-	-	-	-
St. Margaret Westminster *WH* - C.	27781	14	10	5	1	-	-	-	-	-	-	-	-	-	-	-	4
Golden Square *WH* - - - G.L.	12860	8	9	1	5	-	-	1	-	-	-	1	-	-	-	-	3
Berwick-street *H* - N.R. & G.J.	20759	12	8	2	1	-	-	-	-	1	-	1	-	-	-	-	-
St. Anne Soho *HHHHH* - - N.R.	17562	11	11	5	2	-	-	-	-	1	-	-	-	2	2	1	2
NORTH DISTRICTS.																	
All Souls Marylebone *HHHH* - W.M.	28579	14	14	2	1	-	-	-	-	-	-	-	-	-	1	1	6
Cavendish Square *HH* - - W.M.	15425	1	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone *WH* G.J. & W.M.	26384	11	18	1	8	-	-	-	1	-	-	-	-	-	1	2	11
St. Mary Maryleb. *HHH* G.J. & W.M.	21786	25	6	2	3	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch Marylebone *H* - W.M.	33944	27	13	4	1	-	-	-	-	1	-	-	-	-	-	-	-
St. John Marylebone *H* - - W.M.	33136	22	9	-	5	-	-	-	-	-	-	-	-	-	-	-	-
Hampstead *WwHH* - N.R. & W.M.	32281	14	18	3	2	2	-	1	-	-	-	-	-	-	-	-	3
Regent's Park Pancras - - W.M.	38200	29	12	6	1	-	-	-	-	-	-	1	-	1	-	1	-
Tottenham-court *wHHH* N.R. & W.M.	29370	22	22	2	2	-	-	-	-	-	-	2	-	-	-	-	13
Gray's Inn Lane *HHH* - - N.R.	29221	27	15	4	1	-	-	1	-	1	-	2	-	-	1	1	-
Somers Town - - - - N.R.	38533	23	13	4	3	-	-	-	-	-	-	-	-	2	-	1	-
Camden Town *WH* - - - N.R.	17943	7	21	1	14	-	-	-	-	1	-	-	-	-	1	2	12
Kentish Town *w* - - - - N.R.	68198	64	38	10	5	-	-	2	-	1	-	-	-	-	1	2	4
Islington West *HHH* - - - N.R.	97820	84	28	6	4	-	-	2	-	2	-	1	-	-	1	1	-
Islington East *WWwwH* - - N.R.	115958	106	52	14	17	-	-	1	1	-	-	1	-	2	2	3	6
Stoke Newington *H* - - - N.R.	9841	8	8	1	1	-	-	-	-	-	-	-	-	1	-	-	-
Stamford Hill - - - - E.L.	6598	3	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney - - - - N.R.	28069	22	8	3	1	-	-	2	-	-	-	-	-	-	-	-	-
Hackney *WwwHL* - E.L. & N.R.	50104	50	30	7	4	-	1	4	1	-	-	4	-	1	-	2	10
South Hackney - - - - E.L.	30339	28	17	6	4	-	-	1	-	-	-	-	-	-	2	3	-
CENTRAL DISTRICTS.																	
St. George Bloomsbury - - N.R.	17853	10	2	-	-	-	-	-	-	1	-	-	-	-	-	-	-
St. Giles South *WH* - - - N.R.	19109	18	12	2	3	-	-	-	-	-	-	-	1	-	1	1	5
St. Giles North - - - - N.R.	16594	7	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Martins-in-the-Fields* - N.R. & C.	21238	6	8	1	2	-	-	-	-	-	-	-	-	-	2	2	4
St. Mary-le-Strand - - - N.R.	9378	4	3	-	2	-	-	-	-	-	-	-	-	-	-	1	-
St. Clement Danes *H* - - - N.R.	10723	3	8	2	-	-	-	1	-	-	-	2	-	-	-	1	6
St. George-the-Martyr *HHHHH* N.R.	20521	9	7	1	1	-	-	-	1	1	-	-	-	-	-	2	2
St. Andrew Eastern *W* - - N.R.	13529	4	13	-	1	-	-	-	-	-	-	-	-	1	-	1	7
Saffron Hill *H* - - - - N.R.	9066	4	3	-	-	-	-	-	-	-	-	1	-	-	-	1	-
St. James Clerkenwell *W* - - N.R.	18917	23	3	2	1	-	-	-	-	-	-	-	-	-	-	-	1
Amwell Clerkenwell - - - N.R.	16884	9	6	-	2	-	-	1	-	-	-	-	-	-	-	-	-
Pentonville - - - - - N.R.	13337	9	6	3	1	-	-	-	-	-	-	1	-	-	-	-	-
Goswell-street - - - - N.R.	16242	13	5	3	1	-	-	-	-	-	-	-	-	-	-	-	-
Old-street *H* - - - - N.R.	12161	11	3	-	1	-	-	-	-	-	-	1	-	-	-	-	-
City-road *HHL* - - - - N.R.	18301	17	7	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Whitecross-street - - - - N.R.	13792	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Finsbury - - - - - N.R.	10741	2	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-
St. Botolph *H* - - N.R. & E.L.	14540	5	5	2	1	-	-	-	-	-	1	-	-	-	-	-	-
Cripplegate - - - - - N.R.	13638	-	6	2	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre *H* - - - - N.R.	7562	1	15	-	1	-	-	1	-	-	-	1	-	-	3	3	11
St. Bride *W* - - - - - N.R.	11185	4	5	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard - - - - N.R.	4426	1	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch - - - - N.R.	6270	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe - - - - - N.R.	4753	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking - - - N.R.	5764	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad-street *H* - - - - N.R.	7845	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-

* On 1st August the sub-districts of Long Acre and Charing Cross were united for registration purposes under the name of St. Martins-in-the-Fields sub-district.

NOTE.—The Italic capitals placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifies Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East London; and K. the Kent Company.

r, Diphtheria, Whooping-cough, Fever, Diarrhœa, Violence, &c., registered in each Sub-district
day, 9th November 1878.

Registration Sub-districts.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age.	Deaths of Persons aged 60 Years & upwds.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
East Districts.																	
ell Shoreditch - N.R. & E.L.	12130	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
nard Shoreditch *HL*† - N.R.	16545	8	2	-	-	-	-	1	-	-	-	-	-	-	-	-	-
n New Town *w* - - - N.R.	27835	23	17	3	8	-	-	2	-	-	-	-	-	-	-	-	-
n Old Town - - - - N.R.	26933	31	7	3	-	-	-	2	1	-	-	-	-	-	-	2	5
rston *WH* - - N.R. & E.L.	43421	41	22	3	9	-	-	2	-	-	-	-	-	-	1	1	6
ey-road *H* - - - - E.L.	29822	27	11	6	-	-	1	-	-	-	-	1	-	1	-	2	1
Bethnal Green *WHL*† - E.L.	42433	36	20	3	5	-	-	-	-	1	-	-	-	-	2	3	7
, Bethnal Green - - E.L.	26577	31	10	2	1	-	2	-	-	-	-	-	-	-	-	1	-
Bethnal Green - - - E.L.	21272	14	7	1	2	-	2	-	-	-	-	-	-	-	-	2	-
elds *H* - - E.L. & N.R.	22499	18	5	-	1	-	-	-	-	-	-	-	-	-	1	1	1
nd New Town *W* - - E.L.	15550	16	17	2	4	-	2	-	-	1	-	-	-	1	-	1	7
hapel North - E.L. & N.R.	11597	6	3	1	-	-	-	-	-	-	-	-	-	1	-	-	-
hapel Church *H* - - E.L.	7322	10	21	-	4	-	-	-	-	-	-	-	-	-	2	4	16
an's Fields - - - - E.L.	10381	5	3	2	1	-	-	-	-	-	-	-	-	-	-	1	-
e - - - - N.R. & E.L.	9224	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ry St. George East - - E.L.	17900	19	9	4	1	-	-	-	-	-	-	-	-	-	-	-	-
l St. George East - - E.L.	21350	11	10	3	1	-	-	-	-	-	-	-	-	-	1	3	-
n St. George East *W* - E.L.	8802	6	5	1	3	-	-	-	-	-	-	-	-	-	-	-	4
ell *H* - - - E.L. & N.R.	11640	4	6	4	1	-	-	-	-	-	-	-	-	-	-	-	2
- - - - - - E.L.	16131	16	7	2	1	-	-	-	1	-	-	-	-	1	-	2	-
ouse - - - - - - E.L.	29919	32	11	4	-	-	-	-	-	-	-	-	-	-	-	1	-
nd Old Town West - - E.L.	38128	33	15	7	5	-	-	1	-	-	-	1	-	-	-	1	-
nd Old Town East *WwcH* - E.L.	55024	65	25	5	5	-	1	2	1	-	-	-	-	-	-	-	4
wwwH - - - - E.L.	67765	91	37	11	10	-	2	2	-	1	-	-	-	1	1	3	11
WW - - - - - E.L.	48611	39	24	10	1	-	-	1	-	5	-	-	-	1	2	2	2
South Districts.																	
hurch Southwark *WH* L. & S.	14573	20	6	2	2	-	1	-	-	-	-	-	-	-	-	-	1
iour Southwark *H* - S.	15677	8	8	1	2	-	-	-	-	1	-	-	-	-	1	2	-
oad - - - - S. & L.	20421	16	11	5	1	-	-	1	-	-	-	-	-	-	1	2	-
h-road *WH* - - S. & L.	16695	13	5	3	-	-	-	-	-	-	-	-	-	-	1	1	1
-road *HL* - - L. & S.	18961	20	8	4	1	-	-	-	-	-	-	-	-	-	-	2	-
Newington - - S. & L.	23682	18	9	4	1	-	-	-	-	-	-	1	-	-	-	-	-
er Walworth *W* - S. & L.	48248	46	36	9	9	-	-	-	1	1	1	2	-	-	-	2	14
ry Newington - - L. & S.	16792	11	10	1	1	-	1	2	-	-	-	-	-	-	-	-	-
ve Southwark *H* - - S.	4373	3	6	-	3	-	-	-	-	-	-	-	-	-	1	1	6
n Horsleydown *W* - - S.	10500	8	5	2	-	-	-	-	-	-	-	-	-	1	1	1	-
r Market - - - S. & L.	16787	10	8	1	1	-	-	-	-	1	-	-	-	-	-	1	-
y Magdalen *W* - - - S.	15709	12	11	2	1	-	1	-	-	-	-	-	-	-	-	-	1
es Bermondsey - - S.	47933	46	17	5	3	-	-	2	-	1	-	-	-	-	-	1	-
hithe *W* - - - S. & K.	27096	31	21	5	3	-	-	1	-	-	-	-	-	-	3	4	1
oo-road 1st *H* - - L. & S.	14074	8	4	-	1	-	-	-	-	-	-	-	-	-	-	1	-
oo-road 2nd *H* - - L. & S.	18465	10	6	2	1	-	-	-	-	-	-	-	-	1	-	-	-
th Church 1st *H* - L. & S.	19492	17	13	-	2	-	-	-	1	-	-	-	-	-	2	2	8
h Church 2nd *WW* - L. & S.	35833	36	39	8	12	-	3	-	-	-	-	-	-	-	1	1	21
gton 1st - - - S. & L.	41286	29	27	6	7	-	-	5	-	-	-	-	-	1	-	1	-
gton 2nd - - - S. & L.	31221	27	14	3	3	-	-	1	-	-	-	-	-	-	-	1	-
w - - - - L. & S.	35435	37	23	3	7	-	-	2	1	1	1	-	-	1	-	-	4
d *W* - - - - - L.	12536	17	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-
m *H* - - - - - S.	27347	21	17	5	5	-	-	-	-	-	-	-	-	-	-	-	-
ea *Ww* - - - - S.	54016	80	33	6	12	-	-	2	-	-	-	-	-	-	2	3	2
worth *HL* - - - S.	19783	12	9	-	1	-	-	-	-	-	-	1	-	-	-	-	1
- - - - - - S.	9439	7	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
am - - - - - L.	14475	7	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-
h - - - - - L. & S.	4041	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
well *WL*†*L*† - - S. & L.	31254	27	18	1	5	-	-	1	-	-	-	1	-	-	-	-	7
m *W* - - S., L., & K.	42160	59	27	7	6	-	-	4	-	-	-	-	-	-	-	1	-
rge Camberwell - L. & S.	33851	38	20	11	4	-	-	-	-	1	-	-	-	-	-	1	-
l Deptford *w* - - - K.	53714	48	36	12	8	7	-	-	-	2	-	1	-	-	-	1	8
olas Deptford - - - K.	6474	4	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
ich West - - - - K.	21034	14	9	2	3	-	-	-	-	-	-	-	-	-	-	-	-
ich East *WH* - - - K.	19378	19	18	4	5	-	-	-	-	-	-	-	-	-	-	-	8
H - - - - - K.	4539	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- - - - - - K.	16440	12	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-
m Village *WH* - - K.	11513	12	6	-	1	-	-	-	-	-	-	-	1	-	-	-	1
m *H* - - - - L.	19065	13	10	2	4	-	-	-	-	-	-	-	-	-	-	-	-
n *H* - - - - - K.	9564	9	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
ch Dockyard - - - K.	17226	11	6	4	1	-	-	-	-	-	-	-	-	-	-	-	-
ch Arsenal *WHH* - - K.	18331	10	6	-	1	-	-	-	-	-	-	-	-	-	-	-	-
ead West - - - - K.	13027	11	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ead East *W* - - - K.	15232	10	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-

llowing Workhouse Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the ble by *w*:—

ral London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
on City Workhouse in Islington East sub-district.
orn Infirmary " " "
on City Workhouse " Hackney sub-district.
orn " " Hoxton New Town sub-district.
echapel " " Mile End Old Town Eastern sub-dist.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7.—LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 9th November 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
	LONDON—OUTER RING	368,414	631,381	566	306	77	75	–	1	7	5	6	9	6	6	10
29 : 1	Carshalton *wL* - - -	12228	13523	5	8	–	5	–	–	–	–	–	–	–	–	–
2	Epsom (*part of*) * *WH* -	9971	9145	3	–	–	–	–	–	–	–	–	–	–	–	–
36 : 1	Godstone (*part of*) * - -	2754	900	–	–	–	–	–	–	–	–	–	–	–	–	–
37 : 1	Croydon *WWH* - - -	20851	71319	60	34	10	8	–	–	1	–	–	3	–	–	–
2	Mitcham *WH* - - -	11697	12534	10	5	2	1	–	1	–	–	–	–	–	–	–
38 : 1	Wimbledon *HH* - - -	3220	9087	11	3	1	1	–	–	–	–	–	–	–	–	–
2	Kingston *WH* - - -	8549	27489	25	10	3	2	–	–	–	–	1	–	–	–	–
3	Esher (*part of*) * - -	6601	7353	9	3	1	1	–	–	–	–	–	–	1	–	1
4	Hampton - - - -	4573	10185	3	1	1	–	–	–	–	–	–	–	–	–	–
39 : 1	Richmond *WH* - - -	2271	16829	15	7	2	3	–	–	–	–	–	–	–	1	1
2	Mortlake - - - -	2961	9316	8	–	–	–	–	–	–	–	–	–	–	–	–
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	22	4	1	–	–	–	–	–	–	–	–	–	–
2	Chislehurst (*part of*) * *W* -	13665	10028	9	7	1	4	–	–	–	–	–	–	–	–	–
41 : 1	Bexley *H* - - - -	13439	19566	14	8	1	2	–	–	–	–	–	–	–	–	–
123 : 1	Sunbury *W* - - -	11055	9860	2	4	1	1	–	–	–	–	–	–	–	–	–
2	Staines *W* - - - -	13277	10339	7	1	–	–	–	–	–	–	–	–	–	–	–
124 : 1	Hillingdon *WH* - - -	6029	9712	5	4	2	1	–	–	–	–	–	–	1	–	–
2	Uxbridge - - - -	6178	5329	4	2	–	1	–	–	–	–	–	–	–	1	1
3	Hayes *WL* - - - -	14587	10497	4	10	–	4	–	–	–	–	–	–	–	–	1
125 : 1	Isleworth *W* - - -	7008	19930	27	6	1	2	–	–	–	–	–	1	–	–	–
2	Twickenham - - -	2477	10533	8	3	–	1	–	–	1	–	–	–	–	–	–
3	Brentford *HL* - - -	4370	20279	9	8	2	2	–	–	–	1	–	–	–	–	1
4	Chiswick - - - -	1311	8506	12	4	2	–	–	–	–	–	–	–	–	–	–
5	Acton *WH* - - - -	6087	12683	5	7	1	2	–	–	–	–	–	–	–	–	–
126 : 1	Harrow *H* - - - -	13809	10869	9	1	1	–	–	–	–	–	–	–	–	–	–
2	Edgware *H* - - -	6994	3450	3	1	–	–	–	–	–	–	–	–	–	–	–
3	Willesden - - - -	4383	15869	13	11	7	–	–	–	–	–	–	–	–	–	1
4	Hendon *WH* - - -	8382	6972	9	5	1	1	–	–	–	–	–	–	–	–	–
127 : 1	South Mimms - - -	15419	5924	2	3	–	1	–	–	–	–	–	–	–	–	–
2	Barnet *W* - - - -	5423	7752	6	3	2	1	–	–	–	–	–	–	–	–	–
3	Finchley *L* - - - -	4688	11493	12	7	1	3	–	–	–	–	1	–	–	–	–
128 : 1	Hornsey *H* - - - -	3039	19357	24	9	3	1	–	–	–	2	1	–	1	–	–
2	Tottenham *H* - - -	4642	22869	30	20	5	5	–	–	4	–	–	–	1	–	–
3	Edmonton *WW* - - -	7483	13860	10	10	–	3	–	–	–	1	–	1	–	–	–
4	Enfield *WH* - - -	12653	16054	3	8	4	1	–	–	–	–	–	–	–	1	1
5	Waltham Abbey - - -	11017	5197	3	3	2	–	–	–	–	–	1	–	1	1	1
6	Cheshunt - - - -	8493	7518	4	3	–	–	–	–	–	–	–	–	–	–	–
134 : 1	Hatfield (*part of*) * - -	3180	559	–	–	–	–	–	–	–	–	–	–	–	–	–
136 : 1	Bushey - - - -	9028	6472	9	1	1	–	–	–	–	–	–	–	–	–	–
185 : 1	Stratford - - - -	882	23286	26	13	3	5	–	–	–	–	1	–	1	1	1
2	West Ham *WWWW* - -	7345	44642	64	26	9	1	–	–	–	1	–	1	–	1	1
3	Leyton *WW* - - -	4274	15513	15	21	2	7	–	–	–	–	–	3	–	–	–
4	Walthamstow *H* - -	6619	15701	21	11	1	2	–	–	–	–	–	–	–	–	–
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	10	4	2	1	–	–	–	–	1	–	–	–	–
188 : 1	Romford (*part of*) * - -	6730	2879	4	1	–	1	–	–	–	–	–	–	–	–	–
2	Ilford - - - - -	8492	5947	2	2	1	–	–	–	1	–	–	–	–	–	–
3	Barking Town - - -	4128	6576	10	4	–	1	–	–	–	–	–	–	–	–	–

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Godst sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 96 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Theydon-B (pop. 728); 188 : 1, only the parish of Dagenham in Romford sub-district.

ABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 9th November 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Deaths in Public Institutions.
TER LONDON	446,494	4,450,015	22·2	2·7	1896	444	440	9	19	67	16	39	45	32	56	348
NER LONDON -	78,080	3,577,304	23·2	2·8	1590	367	365	9	18	60	11	33	36	26	50	307
TER RING -	368,414	872,711	18·3	2·0	306	77	75	–	1	7	5	6	9	6	6	41

E.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal 547 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area 14 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, h 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than s to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,758,933 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	September 28	–	258	31·3	Fevers 117; cholera 12.
BOMBAY - -	644,405	October 8	–	551	35·1	Fevers 176; cholera 11.
MADRAS - -	397,552	September 27	313	426	55·7	Fevers 118; diarrhœal diseases 108.
PARIS - - -	1,988,806	November 7	–	870	22·8	Typhoid fever 20; small-pox 3.
GENEVA - -	68,792	" 2	24	12	9·1	—
BRUSSELS - -	175,782	October 26	108	100	29·7	Whooping-cough 3.
AMSTERDAM -	302,266	" 26	210	110	18·9	Typhoid fever 2.
ROTTERDAM -	142,585	" 26	98	49	18·0	Scarlet fever 3.
THE HAGUE -	107,896	" 26	73	48	23·0	—
COPENHAGEN -	220,000	November 5	182	74	17·6	—
STOCKHOLM -	152,825	October 26	–	36	12·3	—
CHRISTIANIA -	105,000	November 2	70	35	17·0	Scarlet fever 4.
ST. PETERSBURGH	669,741	October 26	–	389	30·2	Small-pox 25; typhus and typhoid fever 24.
BERLIN - -	1,019,620	" 19	840	540	27·1	Diphtheria 37; scarlet fever 23.
HAMBURG (State)	406,104	" 26	321	160	20·6	Typhus fever 5; whooping cough 4.
DRESDEN - -	207,845	" 26	139	62	15·3	Diphtheria and croup 7.
BRESLAU - -	267,000	November 2	230	117	22·8	Scarlet fever 6; fevers 5.
MUNICH - -	222,000	" 2	161	125	29·0	Diphtheria and croup 8; typhoid fever 5.
VIENNA - -	727,271	" 2	479	338	24·2	Diphtheria 17; small-pox 9.
BUDA-PESTH -	319,530	October 26	249	196	31·9	Small-pox 5; typhus fever 8.
ROME - - -	282,214	" 5	159	126	23·3	Typhus and typhoid fever 4.
NAPLES - -	457,407	" 7	–	215	24·5	Typhus and typhoid fever 10.
TURIN - -	227,843	" 26	118	102	23·4	Typhus and typhoid fever 6.
VENICE - -	139,796	November 2	62	83	31·0	Small-pox 3; scar. fev. 4; diphtheria and croup 4.
ALEXANDRIA -	212,034	October 24	166	184	45·3	Whooping-cough 14.
NEW YORK -	1,084,528	" 12	–	516	24·8	Scarlet fever 14; diphtheria 24.
BROOKLYN -	549,438	" 12	–	184	17·4	Diphtheria 21.
PHILADELPHIA	876,118	" 19	–	256	15·2	Scarlet fever 13; diphtheria 13.
BALTIMORE -	355,000	" 19	–	138	20·3	Scarlet fever 6; typhoid fever 5.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 9th NOVEMBER, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit)	Readings of Thermometers. Dry. High-est.	Low-est.	Range in day.	Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Great-est.	Least.	Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	P.M.	Pressure on square foot. Great-est.	Least.	Mean of 24 Hrs.	Robinson's. Amount of Horizontal Movement of Air each day.	Depart-ure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
NOVEMBER.																										
SUN. .	3	..	29·972	45·2	30·7	14·5	38·0	34·6	52·0	27·5	47·5	44·3	3·4	6·2	0·0	− 7·8	87	N. NNW. & WSW.	NNW. N. & NW.	0·0	0·0	0·0	188	− 88	0·00	0·0
MON. .	4	..	29·563	42·2	32·3	9·9	37·3	35·1	47·2	30·5	46·5	43·7	2·2	6·6	1·3	− 8·3	91	WSW. & W.	NW. NNW. & N	1·2	0·0	0·0	239	− 35	0·00	0·0
TUES. .	5	In Equator	29·612	45·2	35·6	9·6	40·5	35·7	78·2	30·8	46·3	43·3	4·8	9·0	2·2	− 4·9	83	N. & NNE.	N. & NW.	2·3	0·0	0·3	391	+119	0·00	0·0
WED. .	6	Apogee.	29·375	44·4	35·4	9·0	40·3	31·6	75·2	31·5	45 3	42·3	8·7	11·7	2·1	− 4·8	71	WNW. & NNW	NNW. & N.	2·1	0·0	0·3	394	+123	0·00	0·0
THURS.	7	..	29·589	46·2	32·0	14·2	38·7	33·6	73·9	27·0	45·1	41·8	5·1	9·7	2·2	− 6·0	82	NW. & N.	NNW. NW. & WSW.	1·1	0·0	0·1	279	+ 9	0·00	0·5
FRI. .	8	..	29·287	44·6	31·7	12·9	39·2	37·1	57·4	25·6	44·3	41·3	2·1	5·5	0·0	− 5·1	92	SW.	W. WNW. & NNW.	6·5	0·0	0·9	490	+220	0·10	1·5
SAT. .	9	..	29·994	42·7	32·3	10·4	37·5	32·0	54·2	28·2	44·1	40·9	5·5	8·8	2·5	− 6·4	80	NW. & NNW.	WNW. SW. & SSW.	4·4	0·0	0·2	351	+ 81	0·00	2·0
MEANS .		..	29·627	44·4	32·9	11·5	38·8	34·2	62·6	28·7	45·6	42·5	4·5	8·2	1·5	− 6·2	82	NNW.		..	..	..	Sum 2332	Sum +429	Sum 0·10	0·6
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. NOVEMBER.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY .	3	No electricity was shown throughout the week.	0·0	9·5	Fog and hoar frost in morning; fine but cloudy afterwards.
MONDAY .	4		0·0	9·4	Overcast. Foggy. Thin rain fell in afternoon.
TUESDAY .	5		4·5	9·4	Fine; partially cloudy till evening; overcast at night.
WEDNESDAY	6		0·6	9·3	Generally overcast. A little thin rain fell in the evening.
THURSDAY .	7		5·5	9·2	A very fine day. The amount of cloud was usually small. Fog and hoar frost in evening.
FRIDAY .	8		0·3	9·2	Cloudy. Showery.
SATURDAY .	9		4·6	9·1	Fine. Light clouds generally prevailed. Lunar halo in evening.
..		..	Sum 15·5	Sum 65·1	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

The temperature of the water of the Thames s ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Sir E. Y. W. Henderson, R.E., K.C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 30·06 in. at the beginning of the week to 29·50 in. by 9h. P.M. on the 4th; increased to 29·63 in. by 9h. A.M. on the 5th; decreased to 29·34 in. by 3h. P.M. on the 6th; increased to 29·68 in. by 9h. P.M. on the 7th; decreased to 29·22 in. by noon on the 8th; increased to 30·03 in. by 3h. P.M. on the 9th; and was 29·95 in. at the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

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18th November, 1878.

United Kingdom.

During last week 5637 *births* and 3993 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality from all causes was at the average rate of 25 deaths annually in every 1000 persons living. The annual death-rate was 17 per 1000 in Edinburgh, 26 in Glasgow, and 31 in Dublin; small-pox caused 11 deaths in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Leicester 14, Portsmouth 17, Nottingham 17, Brighton 18, Norwich 20, Plymouth 21, Newcastle-upon-Tyne 22, Sunderland 22, Bristol 24, London 24, Hull 24, Bradford 25, Manchester 25, Sheffield 26, Birmingham 26, Salford 28, Leeds 28, Wolverhampton 30, Liverpool 32, and the highest rate 38 in Oldham. The annual death-rate from the seven principal zymotic diseases averaged 3·6 per 1000 in the twenty towns, and ranged from 0·5 and 1·2 in Brighton and Norwich, to 6·8 and 7·6 in Birmingham and Liverpool. The deaths from scarlet fever in the twenty towns, which in the seven preceding weeks had steadily increased from 137 to 212, further rose last week to 239; the disease showed the greatest fatality in Liverpool, Birmingham, Sunderland, and Oldham. The deaths referred to fever were proportionally most numerous in Wolverhampton and Portsmouth. Two fatal cases of diphtheria were returned both in Plymouth and in Salford. Small-pox caused 16 deaths in London, but not one in any of the nineteen large provincial towns.

London.

In London 2448 births and 1665 deaths were registered. Allowing for increase of population, the births were 73, and the deaths 65, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two preceding weeks had been equal to 20·2 and 23·2 per 1000, further rose last week to 24·3.

The 1665 deaths included 16 from small-pox, 22 from measles, 64 from scarlet fever, 13 from diphtheria, 43 from whooping-cough, 37 from different forms of fever, and 11 from diarrhœa; thus to the seven principal diseases of the zymotic class 206 deaths were referred, against 154 and 193 in the two preceding weeks. These 206 deaths were 73 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 3·0 per 1000. The fatal cases of scarlet fever, which in the eight preceding weeks had increased from 24 to 60, further rose to 64 last week, which were, however, 33 below the corrected average; they included 10 in Islington, 7 in Hackney, 9 in Southwark, 5 in Lambeth, and 11 in Camberwell. The Metropolitan Asylum Hospitals contained 138, and the London Fever Hospital 82, scarlet fever patients. The 22 deaths from measles exceeded the numbers in recent weeks, and included 4 in Bermondsey and 4 in Lambeth. The 43 fatal cases of whooping-cough showed a further increase upon recent weekly numbers, and included 7 in Bow and Poplar. The deaths referred to diphtheria, which had in the six previous weeks declined from 20 to 11, were 13 last week, of which 5 were recorded in the West, and 5 in the South groups of districts; 2 occurred in Hammersmith, 2 in one family living at 3, Little Marlborough Street, Golden Square, and 2 in Woolwich. The drainage in the locality of one of the fatal cases of diphtheria in Woolwich is said to be exceedingly defective, the sewage being often forced upward into the street channels. The 37 fatal cases of fever showed a further slight increase upon the numbers in recent weeks, although they were 5 below the corrected average; 6 were certified as typhus, 29 as enteric or typhoid, and 2 as simple continued fever. The 6 deaths referred to typhus occurred at the Westminster Workhouse in Poland Street; at 4, White Hart Court, Shoreditch; at 2, Edward

Street, Star Corner, Bermondsey; at 8, Forrest's Cottages, Battersea; at 30, Parkside Street, Battersea; and at 4, North Pole Lane, Greenwich. The 29 deaths from enteric fever included 4 in Islington, 3 in Hackney, 4 in Southwark (of which 2 occurred in Guy's Hospital), 3 in Lambeth, and 2 in Battersea. The Metropolitan Asylum Hospitals contained 136, and the London Fever Hospital 14, enteric fever patients on Saturday last.

The fatal cases of small-pox, which had been but 4, 3, and 9 in the three preceding weeks, further rose to 16 last week; of which 12 were recorded in the Metropolitan Asylum Hospitals, and 4 in private dwelling-houses. Three of the deceased small-pox patients had resided in the West, and 13 in the South groups of districts; of the latter, 4 fatal cases belonged to Newington, 4 to Southwark, 2 to Lambeth, and 3 to Camberwell. The 4 fatal cases in private dwelling-houses were of an unvaccinated infant aged 4 months at 19, James Street, Newington; of a vaccinated male aged 38 years at 8, York Street, Newington; of an unvaccinated female aged 48 years at 134, Drummond Road, Bermondsey; and of a porter aged 72 years at 11, Gordon Grove, Lambeth, from "modified small-pox." The Metropolitan Asylum Hospitals contained 128 small-pox patients on Saturday last, against numbers increasing steadily from 91 to 119 in the four preceding weeks; the number of new cases admitted to these hospitals during the week were 32, against 34 and 37 in the two previous weeks.

The deaths referred to diseases of the respiratory organs, which had steadily increased from 158 to 434 in the ten preceding weeks, were 431 last week, including 269 from bronchitis, and differed but slightly from the weekly average.

The death of a female was registered in the Wandsworth Union Infirmary whose age was stated to be 101 years.

Different forms of violence caused 47 deaths; 40 were the result of negligence or accident, including 16 from fractures and contusions, 9 from burns and scalds, 3 from poison, and 6 of infants under one year of age from suffocation. The death of a lucifer-match maker, aged 26 years, was referred to "phosphorus poisoning," in South Hackney. The 16 deaths from fractures and contusions were thus caused:—male aged 19, run over by cart; male 56, run over by van; male 30, fell from van; male 27, fell from cab; male 37, fell from horse; female 56, 58, and 76, fell down stairs; male 6, fell off chair; male 4, fell through skylight; female 3 months, fall in nursing; male 45, finger crushed by rail; males 28 and 33, by fall of stones and bricks upon them; female 19, crushed in lift; and female 80, by fracture of thigh (not stated how). An inquest was held in each of these cases except the last.

Greater London.

In the Greater London 2988 births and 1965 deaths were registered, equal to annual rates of 35·0 and 23·0 per 1000 of the population. In the Outer Ring, 2 fatal cases of scarlet fever were recorded in Brentford, and one of diphtheria in Hornsey.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 33, Bombay 37, Madras 52; Paris 25; Geneva 21; Amsterdam 21, Rotterdam 26, The Hague 21; Copenhagen 19; Stockholm 15; Christiania 19; St. Petersburgh 32; Berlin 26, Hamburg 23, Dresden 23, Breslau 25, Munich 34; Vienna 27; Buda-Pesth 32; Rome 28, Naples 22, Turin 26; Alexandria 50; Philadelphia 16, and Baltimore 17.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·22 in.; the highest reading was 29·95 in. at the beginning of the week, and the lowest 29·02 in. on Friday afternoon. The mean temperature of the *air* was 39°·8, and 2°·9 below the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from observations at the Royal Observatory. The mean on Sunday 10th instant was 45°·1, and 1°·6 above the average, whereas it showed a deficiency on each of the other days of the week; the coldest day was Tuesday, when the mean was 35°·1, and 7°·8 below the average. The lowest night temperature was 31°·3 on Tuesday, and the highest day temperature in the shade 50°·8 on Sunday; the extreme range in the week was, therefore, 19°·5. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 71°·2 on Tuesday. The difference between the mean *dew-point* and *air* temperature averaged 2°·9. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 41°·7. The mean degree of *humidity* of the air was 90, complete saturation being represented by 100. The general direction of the *wind* was westerly, and the horizontal movement of the air averaged 16·8 miles per hour, which was 5·1 above the average in the corresponding week of 16 years. *Rain* fell on six days of the week, to the aggregate amount of 1·74 inches. The duration of registered bright sunshine in the week was 4·8 hours, the sun being above the horizon during 62·5 hours; the recorded duration of sunshine was, therefore, equal to but 7·7 per cent. of its possible duration.

Table 1.—Births and Deaths registered, and Meteorology,* in 23 Towns of the United Kingdom, during the Week ending Saturday, 16th November, 1878.

Cities and Boroughs. (*Municipal Boundaries, except for* London *and* Dublin.)	Area in Acres, exclusive of tidal water and foreshore.	Population estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 16th November, 1878. Births.	Deaths.	Temperature of the Air. (Fahrenheit.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Temperature of the Air. (Centigrade.) Weekly Mean of the Daily Mean Values.	Rain-fall. In Inches.	In Centimetres.
In 23 Towns in the United Kingdom	220,307	8,373,953	38·0	5637	3993	53·5	24·0	39·1	3·95	1·20	3·05
London	75,362	3,577,304	47·5	2448	1665	50·8	31·3	39·8	4·34	1·74	4·42
Brighton	2,354	103,923	44·1	52	36	51·0	30·4	39·4	4·11	1·54	3·91
Portsmouth	4,486	129,461	28·9	69	43	–	–	–	–	–	–
Norwich	7,472	84,620	11·3	61	33	–	–	–	–	–	–
Plymouth	1,395	73,599	52·8	55	29	53·5	32·5	41·1	5·06	1·21	3·07
Bristol	4,452	206,419	46·4	130	94	51·4	27·9	39·7	4·28	1·08	2·74
Wolverhampton	3,396	74,240	21·9	47	43	49·0	27·4	36·7	2·61	1·10	2·79
Birmingham	8,400	383,117	45·6	272	190	–	–	–	–	–	–
Leicester	3,200	121,473	38·0	93	33	48·8	31·0	39·0	3·89	1·37	3·48
Nottingham	9,960	165,267	16·6	96	55	47·6	26·0	38·0	3·33	1·04	2·64
Liverpool	5,210	532,681	102·2	394	322	48·8	31·9	41·1	5·06	0·57	1·45
Manchester	4,293	360,514	84·0	259	172	–	–	–	–	–	–
Salford	5,170	170,251	32·9	136	90	–	–	–	–	–	–
Oldham	4,666	107,366	23·0	75	78	–	–	–	–	–	–
Bradford	7,220	185,088	25·6	110	88	45·0	29·0	38·4	3·55	1·40	3·56
Leeds	21,572	304,948	14·1	228	163	48·0	27·0	39·4	4·11	1·40	3·56
Sheffield	19,651	289,537	14·7	184	143	48·0	29·0	39·5	4·17	1·38	3·51
Hull	3,635	143,139	39·4	101	67	47·0	24·0	38·6	3·67	2·00	5·08
Sunderland	2,768	112,459	40·6	86	48	51·0	30·0	39·5	4·17	2·57	6·53
Newcastle-on-Tyne	5,371	144,570	26·9	100	61	–	–	–	–	–	–
Edinburgh	4,191	222,371	53·1	131	72	47·0	28·0	38·9	3·83	0·34	0·86
Glasgow	6,033	566,940	94·0	356	281	47·5	31·2	39·5	4·17	0·40	1·02
Dublin	10,050	314,666	31·3	154	187	51·7	25·0	37·4	3·00	0·09	0·23

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.

† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven and a quarter years' increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

Table 2.—Deaths and Rate of Mortality in 20 large English Towns, having an estimated population of 7,269,976 persons, and in Dublin, during the Week ending Saturday, 16th November, 1878.

Boroughs, &c. (*Municipal Boundaries, except for* London *and* Dublin.)	Annual Rate of Mortality per 1000 living. From All Causes.	From Seven Zymotic Diseases.	Deaths from all Causes.	The Deaths registered in the Week include: Deaths of Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
In 20 Towns	24·8	3·6	3453	850	720	16	31	239	23	85	66	35	100	191	486
London	24·3	3·0	1665	369	396	16	22	64	13	43	37	11	47	91	314
Brighton	18·1	0·5	36	7	8	–	–	–	–	–	–	1	–	2	6
Portsmouth	17·3	2·4	43	7	11	–	–	1	–	1	3	1	1	1	9
Norwich	20·3	1·2	33	12	15	–	–	–	–	2	–	–	–	1	4
Plymouth	20·6	2·8	29	8	10	–	–	2	2	–	–	–	–	1	1
Bristol	23·8	2·0	94	31	26	–	–	1	–	2	2	3	2	9	6
Wolverhampton	30·2	3·5	43	12	7	–	–	1	–	1	3	–	1	2	6
Birmingham	25·9	6·8	190	36	31	–	–	40	1	4	2	3	4	5	24
Leicester	14·2	1·3	33	11	7	–	–	–	–	2	1	–	–	3	1
Nottingham	17·4	1·6	55	15	13	–	1	3	–	–	1	–	2	8	5
Liverpool	31·5	7·6	322	71	47	–	1	59	2	8	6	2	11	13	37
Manchester	24·9	1·7	172	40	32	–	1	8	1	1	–	1	11	18	30
Salford	27·6	5·5	90	34	9	–	2	7	2	2	3	2	2	6	5
Oldham	37·9	6·3	78	28	9	–	1	10	–	–	–	2	2	2	1
Bradford	24·8	3·1	88	28	10	–	–	6	–	3	1	1	1	4	3
Leeds	27·9	3·8	163	52	26	–	3	6	–	7	4	2	2	5	10
Sheffield	25·8	4·5	143	43	23	–	–	14	1	7	–	3	2	4	8
Hull	24·4	1·5	67	22	15	–	–	1	–	1	1	1	5	6	6
Sunderland	22·3	6·0	48	11	9	–	–	11	–	1	1	–	4	4	4
Newcastle-on-Tyne	22·0	3·2	61	13	16	–	–	5	1	–	1	2	3	6	6
Dublin	31·0	5·6	187	21	44	11	2	6	–	4	11	–	8	11	63

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the FORTY-SIXTH Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL Births	2280	2185	2178	2076	2218	2377	2469	2462	2649	2666	2356·0	2448
Males . .	1143	1092	1108	1100	1118	1196	1281	1222	1327	1374	1196·1	1232
Females .	1137	1093	1070	976	1100	1181	1188	1240	1322	1292	1159·9	1216
TOTAL Deaths	1506	1859	1639	1626	1183	1636	1795	1603	1886	1435	1616·8	1665
Males . .	766	945	821	807	603	779	898	825	948	725	811·7	845
Females .	740	914	818	819	580	857	897	778	938	710	805·1	820

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.	Nov. 9.	Nov. 16.
TOTAL Deaths - - -	1433	1365	1260	1259	1250	1355	1355	1418	1369	1446	1386	1590	1665
0—20 - -	805	721	648	629	597	654	677	679	695	720	679	734	771
20—40 - -	191	163	174	193	183	214	188	198	194	196	187	206	216
40—60 - -	194	217	207	211	231	257	230	241	223	251	252	285	282
60—80 - -	202	215	189	187	198	191	216	241	206	234	225	304	326
at 80 years & upwds.	41	49	42	39	41	39	44	59	51	45	43	61	70
Deaths of children: Under 1 year -	492	397	354	331	326	336	380	344	378	355	376	367	369
Deaths of children: 1—5 - - -	232	219	213	214	195	228	208	231	228	263	218	282	282
Deaths of children: 5—20 - -	81	105	81	84	76	90	89	104	89	102	85	85	120
Deaths from 7 principal Zymotic Diseases	340	281	252	211	193	192	190	191	171	173	154	193	206
" " Smallpox - -	10	6	3	7	4	2	4	5	5	4	3	9	16
" " Measles - -	10	7	10	6	2	6	19	13	10	18	15	18	22
" " Scarlet Fever -	24	29	30	27	24	30	34	33	45	46	49	60	64
" " Diphtheria -	11	12	10	13	10	13	20	17	12	12	10	11	13
" " Whooping-cough	74	56	54	37	43	53	40	52	33	33	22	33	43
" " Typhus fever -	1	2	2	5	-	1	2	1	2	-	1	3	6
" " Enteric (or Typhoid) fever -	12	20	18	25	25	20	22	31	24	30	27	31	29
" " Simple Contd fever	3	1	5	2	5	6	4	2	4	-	6	2	2
" " Diarrhœa - -	195	148	120	89	80	61	45	37	36	30	21	26	11
" " Simple Cholera -	6	6	4	1	1	-	-	-	-	-	-	-	1
" " Dis. of Respiratory Organs -	141	175	158	172	215	213	247	286	326	347	353	434	431
" " Phthisis - -	169	157	145	152	161	182	182	159	168	169	172	162	188
" " Heart Diseases -	72	58	72	74	62	81	83	95	68	78	85	98	127
Violent Deaths - - -	35	59	41	43	56	52	30	51	50	63	41	50	47
Inquest Cases - - -	72	91	64	63	85	100	61	109	82	106	80	109	91
Deaths in Public Institutions	231	262	233	246	241	269	213	285	262	268	271	307	314
TEMPERATURE OF THE AIR: Mean - - - -	61°·5	61°·8	61°·2	59°·1	54°·4	52°·2	55°·8	56°·9	51°·9	50°·3	41°·0	38°·8	39°·8
Mean of Highest readings -	70·6	71·5	72·1	71·0	64·0	61·0	66·1	64·2	58·0	58·2	47·1	44·4	43·3
Mean of Lowest readings -	54·4	56·0	52·8	49·8	47·0	44·0	47·6	51·3	45·5	44·3	35·4	32·9	35·6
Mean Temperature of the Water of the Thames -	65·7	64·7	62·8	61·2	61·4	57·7	57·6	58·6	56·2	54·7	49·1	44·1	41·7
Humidity of the Air - -	79	85	82	79	79	85	81	78	85	85	89	82	90
Rain-fall in inches - -	0·71	1·15	0·00	0·02	0·49	0·19	0·13	0·54	0·00	0·98	0·14	0·10	1·74
Registered Sunshine (in hours)	21·5	27·5	31·2	40·1	34·6	9·6	41·0	31·3	18·0	15·6	11·2	15·5	4·8

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-SIXTH Week of the Year 1878.

CAUSES OF DEATH.	Average in the Forty-sixth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, November 16, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
Mean Temperature -	42·4	39·8							
ALL CAUSES - -	1616·8	1665	369	282	120	216	282	326	70
SPECIFIED CAUSES	1610·5	1662	367	282	120	215	282	326	70
I. ZYMOTIC.									
ORDER 1.									
Small-pox - - -	21·5	16	1	2	6	5	1	1	-
Measles - - -	43·5	22	3	18	1	-	-	-	-
Scarlet Fever - -	90·8	64	2	38	21	3	-	-	-
Diphtheria - -	8·5	13	-	8	4	-	1	-	-
Quinsy - - -	·8	1	-	-	1	-	-	-	-
Croup - - -	16·3	13	2	10	1	-	-	-	-
Whooping-cough -	37·7	43	20	23	-	-	-	-	-
Typhus - - -	39·3 (Enteric or Typhoid Fev.; Simple continued Fev.)	6	1	-	4	1	-	-	-
Enteric or Typhoid Fev.		29	1	6	11	9	2	-	-
Simple continued Fev.		2	-	-	-	-	1	1	-
Erysipelas - -	12·7	4	2	-	-	1	1	-	-
Puerperal Fev. (Metria)	6·3	1	-	-	-	1	-	-	-
Carbuncle - -	·8	-	-	-	-	-	-	-	-
Influenza - - -	·2	-	-	-	-	-	-	-	-
Dysentery - -	1·6	4	1	-	-	-	2	1	-
Diarrhœa - - -	19·6	11	5	3	-	1	-	2	-
Simple Cholera - -	·1	1	1	-	-	-	-	-	-
Ague - - - -	·3	-	-	-	-	-	-	-	-
Remittent Fever -	·4	-	-	-	-	-	-	-	-
Rheumatism - -	10·2	4	-	-	2	-	-	2	-
Other *Zymotic* Diseases	·7	-	-	-	-	-	-	-	-
ORDER 2.									
Syphilis - - -	8·4	17	13	2	-	2	-	-	-
Stricture of Urethra -	·8	1	-	-	-	1	-	-	-
Hydrophobia - -	—	-	-	-	-	-	-	-	-
Glanders - - -	·2	-	-	-	-	-	-	-	-
ORDER 3.									
Privation - - -	·7	-	-	-	-	-	-	-	-
Want of Breast-milk	8·8	13	13	-	-	-	-	-	-
Purpura and Scurvy -	2·4	4	-	2	1	1	-	-	-
Alcoholism: *a* Del. Tremens	1·6	2	-	-	-	2	-	-	-
Alcoholism: *b* Intemperance	1·1	3	-	-	-	-	3	-	-
ORDER 4.									
Thrush - - -	3·3	3	3	-	-	-	-	-	-
Worms, &c. - -	·8	2	-	-	1	1	-	-	-
CONSTITUTIONAL.									
ORDER 1.									
Gout - - - -	3·7	3	-	-	-	1	1	1	-
Dropsy - - -	13·0	8	2	-	-	2	-	4	-
Cancer - - -	36·3	42	-	-	1	5	20	15	1
Cancrum Oris (Noma)	·5	-	-	-	-	-	-	-	-
Mortification - -	2·8	5	-	-	-	-	1	3	1
ORDER 2.									
Scrofula - - -	8·0	11	4	3	-	3	1	-	-
Tabes Mesenterica -	21·4	23	14	8	-	-	1	-	-
Phthisis - - -	163·4	188	3	7	19	81	63	15	-
Hydrocephalus - -	20·4	23	7	12	4	-	-	-	-
III. LOCAL.									
ORDER 1.									
Cephalitis - - -	16·9	21	2	13	3	1	1	1	-
Apoplexy - - -	44·6	44	2	1	3	1	16	18	3
Paralysis - - -	31·2	40	-	-	2	4	14	18	2
Insanity - - -	3·2	2	-	-	-	2	-	-	-
Chorea - - -	·5	-	-	-	-	-	-	-	-
Epilepsy - - -	7·3	9	1	-	2	3	2	1	-
Convulsions - -	51·4	35	28	7	-	-	-	-	-
Brain Disease, &c. -	16·8	30	2	3	1	4	7	10	3
ORDER 2.									
Pericarditis - -	3·1	2	-	-	1	-	-	1	-
Aneurism - - -	4·0	3	-	-	-	-	2	1	-
Heart Disease, &c. -	80·6	122	2	3	7	12	48	46	4
ORDER 3.									
Laryngitis - - -	8·1	12	3	7	-	1	1	-	-
Bronchitis - - -	243·4	269	84	44	2	8	24	86	21
Pleurisy - - -	4·5	8	-	-	1	5	-	1	1
Pneumonia - -	119·2	100	30	29	3	13	14	10	1
Asthma - - -	12·2	15	-	-	-	5	4	5	1
Lung Disease, &c. -	21·1	27	10	5	-	-	6	5	1
ORDER 4.									
1. Gastritis - - -	1·0	3	-	-	1	-	1	1	-
2. Enteritis - - -	4·9	7	4	1	1	-	1	-	-
3. Peritonitis - - -	7·5	8	-	-	2	4	-	2	-
4. Ascites - - -	3·1	2	-	-	-	1	-	1	-
5. Ulceration of Intestines	3·0	1	-	-	-	-	-	1	-
6. Hernia - - -	4·7	5	1	-	-	-	1	3	-
7. Ileus - - - -	3·9	7	-	-	1	-	3	2	1
8. Intussusception -	·8	-	-	-	-	-	-	-	-
9. Stricture of Intestines	1·1	-	-	-	-	-	-	-	-
10. Fistula - - -	·5	-	-	-	-	-	-	-	-
11. *Stomach Disease, &c.* -	7·3	8	1	1	-	-	1	4	1
12. *Pancreas Disease, &c.*	—	-	-	-	-	-	-	-	-
13. Hepatitis - - -	4·6	4	-	-	-	1	1	2	-
14. Jaundice - - -	4·4	7	1	-	-	-	3	2	1
15. *Liver Disease, &c.* -	19·4	20	-	-	-	5	9	5	1
16. *Spleen Disease, &c.* -	·5	1	-	-	-	1	-	-	-
ORDER 5.									
1. Nephritis - - -	3·1	6	1	1	-	-	3	1	-
2. Ischuria - - -	·5	-	-	-	-	-	-	-	-
3. Bright's Dis. (Nephria)	13·2	12	-	1	-	3	4	4	-
4. Diabetes - - -	1·8	4	-	-	-	2	2	-	-
5. Calculus (Stone) -	1·2	-	-	-	-	-	-	-	-
6. Cystitis - - -	1·4	-	-	-	-	-	-	-	-
7. *Kidney Disease, &c.* -	10·6	16	-	-	1	2	3	7	3
ORDER 6.									
1. Ovarian Dropsy -	·3	-	-	-	-	-	-	-	-
2. *Uterus Disease, &c.* -	5·4	10	-	-	-	3	3	4	-
ORDER 7.									
1. Synovitis (Arthritis)	·6	-	-	-	-	-	-	-	-
2. *Joint Disease, &c.* -	6·4	6	-	-	2	3	1	-	-
ORDER 8.									
1. Phlegmon - - -	3·4	3	-	1	2	-	-	-	-
2. Ulcer - - - -	1·3	2	-	-	-	-	1	1	-
3. *Skin Disease, &c.* -	1·2	1	-	-	-	-	-	1	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth -	24·1	39	38	1	-	-	-	-	-
2. Cyanosis - - -	2·5	2	1	1	-	-	-	-	-
3. Spina Bifida - -	1·6	2	2	-	-	-	-	-	-
4. Other Malformations	1·4	1	1	-	-	-	-	-	-
5. Teething - - -	12·0	15	7	8	-	-	-	-	-
ORDER 2.									
1. Paramenia - - -	·2	-	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever) - -	5·5	3	-	-	1	2	-	-	-
ORDER 3.									
1. Old Age - - -	51·9	49	-	-	-	-	-	26	23
ORDER 4.									
1. Atrophy and Debility	65·0	50	39	6	-	-	1	4	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	21·0	16	1	1	3	5	4	1	1
2. Wounds: Gunshot	·4	-	-	-	-	-	-	-	-
2. Wounds: Cut, Stab		-	-	-	-	-	-	-	-
3. Burns and Scalds -	6·5	9	-	5	3	-	-	1	-
4. Poison - - -	·7	3	1	1	-	1	-	-	-
5. Drowning - - -	3·6	1	-	-	1	-	-	-	-
6. Suffocation - -	9·9	8	6	-	-	-	-	2	-
7. Otherwise - - -	3·9	3	1	-	-	-	1	1	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	1·4	-	-	-	-	-	-	-	-
ORDER 4. SUICIDE.)									
1 Wounds: Gunshot -	·3	1	-	-	-	-	1	-	-
1 Wounds: Cut, Stab -	·9	-	-	-	-	-	-	-	-
2. Poison - - -	·7	-	-	-	-	-	-	-	-
3. Drowning - - -	1·3	1	-	-	-	1	-	-	-
4. Hanging - - -	·7	4	-	-	-	1	1	2	-
5. Otherwise - - -	·8	1	-	-	-	1	-	-	-
ORDER 5. (EXECUTION.)									
1. Hanging - - -	·1	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - -	·4	-	-	-	-	-	-	-	-
Causes not specified or ill-defined - - -	5·9	3	2	-	-	1	-	-	-

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

Table 6. LONDON.—Population, Births, Deaths from all Causes, and from Small-pox, Measles, Scarl
during the Week endi

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The Deaths registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,254,260	2448	1665	369	396	16	22	64	13	43	6	29	2	11	47	91
West Districts	561,359	312	291	58	74	3	4	6	5	9	1	-	1	1	8	21
North Districts	751,729	588	369	94	97	-	4	18	2	4	-	7	1	3	7	20
Central Districts	334,369	173	158	17	40	-	-	3	-	4	-	2	-	-	9	16
East Districts	639,111	531	303	69	76	-	3	7	1	10	1	7	-	-	10	18
South Districts	967,692	844	544	131	109	13	11	30	5	16	4	13	-	7	13	16
West Districts.																
St. Mary Paddington *WH* G.J. & W.M.	58728	29	29	14	3	-	-	1	-	2	-	-	-	-	1	1
St. John Paddington *H* - - G.J.	38085	11	16	2	6	-	-	-	-	-	-	-	1	-	-	-
Kensington Town *W* - - - W.M.	91645	67	58	14	16	-	2	-	1	3	-	-	-	-	1	3
Brompton *H* - - - W.M. & C.	28654	12	5	1	4	-	-	-	-	-	-	-	-	-	-	1
St. Peter Hammersmith - - W.M.	6662	4	4	1	1	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith *H* W.M. & G.J.	36029	41	22	-	9	-	-	3	2	1	-	-	-	-	-	-
Fulham *WwH* - - - W.M. & C.	23350	24	20	2	2	3	-	1	-	-	-	-	-	1	-	2
Chelsea South *HHH* - - - C.	26420	23	18	5	5	-	-	-	-	1	-	-	-	-	1	3
Chelsea North-west *WHHHH* - C.	22926	11	12	1	4	-	1	-	-	-	-	-	-	-	-	1
Chelsea North-east - - - C.	21392	10	13	4	3	-	1	-	-	2	-	-	-	-	-	-
Hanover Square *H* - - - G.J.	18698	8	5	-	2	-	-	-	-	-	-	-	-	-	-	-
May Fair *WW* - - - - G.J.	13358	5	16	3	3	-	-	-	-	-	-	-	-	-	1	1
Belgrave *HH* - - - - C.	57972	26	26	3	7	-	-	-	-	-	-	-	-	-	2	4
St. John Westminster *HH* - - C.	38478	18	13	1	4	-	-	-	-	-	-	-	-	-	-	-
St. Margaret Westminster *WH* - C.	27781	7	9	2	1	-	-	-	-	-	-	-	-	-	1	1
Golden Square *WH* - - - G.J.	12860	1	7	2	1	-	-	-	2	-	1	-	-	-	-	1
Berwick-street *H* - N.R. & G.J.	20759	4	10	1	-	-	-	1	-	-	-	-	-	-	1	2
St. Anne Soho *HHHHH* - - N.R.	17562	11	8	2	3	-	-	-	-	-	-	-	-	-	-	1
North Districts.																
All Souls Marylebone *HHHH* - W.M.	28579	28	12	3	3	-	-	-	-	-	-	-	-	-	-	-
Cavendish Square *HH* - - - W.M.	15425	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone *WH* G.J. & W.M.	26384	19	16	1	8	-	-	-	-	-	-	-	-	-	-	-
St. Mary Maryleb. *HHH* G.J. & W.M.	21786	20	5	2	1	-	-	-	-	1	-	-	-	-	-	-
Christchurch Marylebone *H* - W.M.	33944	28	16	5	4	-	-	-	-	-	-	-	-	-	-	2
St. John Marylebone *H* - - W.M.	33136	21	13	7	2	-	2	1	-	-	-	-	-	-	-	-
Hampstead *WwHH* - N.R. & W.M.	32281	15	13	4	2	-	-	-	-	-	-	-	-	-	-	1
Regent's Park Pancras - - - W.M.	38200	21	17	6	6	-	-	-	-	-	-	-	-	2	-	2
Tottenham-court *wHHH* N.R.&W.M.	29370	20	15	2	2	-	-	-	-	-	-	-	-	-	1	1
Gray's Inn Lane *HHH* - - N.R.	29221	17	18	9	2	-	-	-	-	-	-	-	-	-	1	1
Somers Town - - - - N.R.	38533	34	12	1	4	-	-	-	-	-	-	-	-	-	-	-
Camden Town *WH* - - - N.R.	17943	17	17	4	9	-	-	-	-	-	-	-	-	-	-	1
Kentish Town *w* - - - - N.R.	68198	59	41	12	9	-	1	-	-	-	-	-	-	-	1	4
Islington West *HHH* - - N.R.	97820	64	35	7	7	-	-	4	-	-	-	1	1	-	1	1
Islington East *WWwwH* - - N.R.	115958	97	63	18	16	-	-	6	1	1	-	3	-	1	2	5
Stoke Newington *H* - - - N.R.	9841	17	12	2	3	-	1	1	1	1	-	-	-	-	-	-
Stamford Hill - - - - E.L.	6598	4	3	-	2	-	-	-	-	-	-	-	-	-	-	-
West Hackney - - - - N.R.	28069	38	14	5	4	-	-	1	-	-	-	-	-	-	-	1
Hackney *WwwHL* - - E.L.&N.R.	50104	45	30	4	7	-	-	4	-	-	-	3	-	-	-	1
South Hackney - - - - E.L.	30339	22	16	2	6	-	-	1	-	1	-	-	-	-	1	-
Central Districts.																
St. George Bloomsbury - - N.R.	17853	8	5	1	2	-	-	-	-	-	-	-	-	-	-	-
St. Giles South *WH* - - - N.R.	19109	9	12	1	6	-	-	-	-	-	-	-	-	-	-	2
St. Giles North - - - - N.R.	16594	9	7	1	1	-	-	-	-	1	-	-	-	-	1	1
St. Martins-in-the-Fields* - N.R. & C.	21238	8	13	-	5	-	-	-	-	-	-	-	-	-	1	2
St. Mary-le-Strand - - - N.R.	9378	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes *H* - - - N.R.	10723	6	11	-	2	-	-	-	-	-	-	-	-	-	1	1
St. George-the-Martyr *HHHHH* N.R.	20521	7	10	2	2	-	-	-	-	1	-	-	-	-	1	1
St. Andrew Eastern *W* - - N.R.	13529	4	13	3	2	-	-	-	-	-	-	-	-	-	-	-
Saffron Hill *H* - - - - N.R.	9066	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell *W* - - N.R.	18917	9	3	-	1	-	-	1	-	-	-	-	-	-	1	1
Amwell Clerkenwell - - - N.R.	16884	13	9	2	1	-	-	-	-	-	-	-	-	-	-	2
Pentonville - - - - - N.R.	13337	13	5	2	1	-	-	-	-	-	-	1	-	-	-	-
Goswell-street - - - - N.R.	16242	12	9	-	4	-	-	-	-	-	-	-	-	-	-	-
Old-street *H* - - - - N.R.	12161	10	4	1	-	-	-	-	-	-	-	-	-	-	-	-
City-road *HHL* - - - - N.R.	18301	18	9	1	1	-	-	-	-	-	-	-	-	-	1	1
Whitecross-street - - - - N.R.	13792	7	11	2	4	-	-	1	-	-	-	-	-	-	3	4
Finsbury - - - - - N.R.	10741	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph *H* - - - N.R.&E.L.	14540	5	5	1	2	-	-	-	-	-	-	-	-	-	-	-
Cripplegate - - - - - N.R.	13638	6	8	-	2	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre *H* - - - - N.R.	7562	2	12	-	1	-	-	1	-	-	-	1	-	-	-	1
St. Bride *W* - - - - - N.R.	11185	8	3	-	1	-	-	-	-	2	-	-	-	-	-	-
Castle Baynard - - - - N.R.	4426	-	3	-	1	-	-	-	-	-	-	-	-	-	-	-
Christchurch - - - - N.R.	6270	-	3	-	1	-	-	-	-	-	-	-	-	-	-	-
Queenhithe - - - - - N.R.	4753	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking - - - N.R.	5764	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street *H* - - - - N.R.	7845	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-

* On 1st August the sub-districts of Long Acre and Charing Cross were united for registration purposes under the name of St. Martins-in-t
Fields sub-district.

Note.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Wo
house; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it sta
see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. sign
Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East Lond
and K. the Kent Company.

k, Diphtheria, Whooping-cough, Fever, Diarrhœa, Violence, &c., registered in each Sub-district
day, 16th November 1878.

Registration Sub-districts.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The Deaths registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
East Districts.																	
vell Shoreditch - N R. & E.L.	12430	5	4	3	-	-	-	-	-	-	-	-	-	-	1	1	-
onard Shoreditch *HL*† - N.R.	16545	12	8	2	1	-	-	-	-	-	1	-	-	-	-	-	-
n New Town *w* - - N.R.	27835	16	16	3	7	-	-	-	-	-	-	1	-	-	1	3	1
n Old Town - - N.R.	26933	19	9	2	3	-	-	-	-	-	-	-	-	-	-	1	-
erston *WH* - - N.R. & E.L.	43421	44	23	4	5	-	-	4	1	-	-	-	-	-	-	-	5
ney-road *H* - - - - E.L.	29822	34	8	1	-	-	-	-	-	-	-	1	-	-		-	-
, Bethnal Green *WHL*† - E.L.	42433	43	42	8	16	-	-	1	-	-	-	-	-	-	-	1	16
h, Bethnal Green - - E.L.	26577	31	14	2	2	-	1	1	-	-	-	1	-	-	-	1	-
, Bethnal Green - - - E.L.	21272	15	7	1	-	-	1	-	-	-	-	-	-	-	-	-	-
fields *H* - - E.L. & N.R.	22499	15	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-
End New Town *W* - - E.L.	15550	14	4	1	-	-	-	-	-	-	-	-	-	-	-	1	-
chapel North - E.L. & N.R.	11597	9	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-
chapel Church *H* - - E.L.	7322	3	15	-	6	-	-	-	-	-	-	-	-	-	6	6	12
nan's Fields - - - - E.L.	10331	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
te - - - - N.R. & E.L.	9224	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ary St. George East - - E.L.	17900	11	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-
ul St. George East - - E.L.	21350	7	8	2	1	-	-	-	-	-	-	-	-	-	-	1	-
hn St. George East *W* - E.L.	8802	6	11	-	5	-	-	-	-	-	-	-	-	-	-	-	9
well *H* - - - E.L. & N.R.	11640	5	2	1	-	-	-	-	-	-	-	-	-	-	1	1	1
ff - - - - - - E.L.	16131	18	5	2	1	-	-	-	-	-	-	2	-	-	-	-	-
nouse - - - - - - E.L.	29919	30	11	6	-	-	-	-	-	2	-	-	-	-	-	-	-
End Old Town West - - E.L.	38128	26	11	5	1	-	-	-	-	-	-	-	-	-	-	-	-
End Old Town East *WwwH* - E.L.	55024	45	28	5	9	-	1	-	-	1	-	-	-	-	-	-	7
wwwH - - - - - - E.L.	67765	72	44	11	14	-	-	-	-	4	-	-	-	-	1	1	10
r *WW* - - - - - - E.L.	48611	42	18	7	2	-	-	1	-	3	-	2	-	-	-	1	2
South Districts.																	
tchurch Southwark *WH* L. & S.	14573	7	4	2	1	-	-	1	-	-	-	-	-	-	-	-	1
viour Southwark *H* - - S.	15677	14	6	2	2	-	-	1	-	-	-	-	-	-	-	-	-
road - - - S. & L.	20421	15	8	3	2	-	-	-	-	-	-	1	-	-	-	-	-
igh-road *WH* - - S. & L.	16695	11	10	8	-	-	-	1	-	-	-	-	-	-	1	1	2
on-road *HL* - - L. & S.	18961	9	6	2	-	-	-	-	-	1	-	-	-	1	-	-	-
y Newington - - S. & L.	23682	21	8	2	-	-	-	-	-	-	-	-	-	-	1	1	-
ter Walworth *W* - S. & L.	48248	50	31	9	3	2	2	1	-	1	-	-	-	-	-	-	2
ary Newington - - L. & S.	16792	10	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-
ave Southwark *H* - - S.	4373	4	21	1	3	-	-	-	1	-	-	2	-	1	2	2	18
hn Horsleydown *W* - - S.	10500	8	10	2	1	-	-	3	-	-	-	-	-	1	1	1	3
er Market - - S. & L.	16787	13	7	2	2	-	-	-	-	-	1	-	-	-	-	-	-
ary Magdalen *W* - - S.	15709	10	14	4	2	-	2	1	-	-	-	-	-	-	-	-	4
mes Bermondsey - - S.	47933	43	21	9	4	1	2	2	-	1	-	1	-	-	-	-	-
rhithe *W.* - - - S. & K.	27096	31	13	3	3	-	-	-	-	-	-	-	-	-	1	1	3
rloo-road 1st *H* - - L. & S.	14074	10	5	1	-	-	2	-	-	-	-	-	-	-	-	-	1
rloo-road 2nd *H* - - L. & S.	18465	10	8	1	2	-	-	-	-	1	-	-	-	-	-	-	-
eth Church 1st *H* - L. & S.	19492	11	20	4	3	-	-	-	-	1	-	2	-	-	2	3	8
eth Church 2nd *WW* - L. & S.	35833	33	20	5	7	-	2	-	-	-	-	-	-	1	-	-	5
ington 1st - - - S. & L.	41286	34	22	5	6	-	-	4	-	-	-	-	-	-	-	-	-
ington 2nd - - - S. & L.	31221	18	10	2	3	1	-	1	-	1	-	-	-	-	1	2	-
on *w* - - - - L. & S.	35435	37	21	4	2	-	-	2	-	-	-	1	-	-	1	1	3
ood *W* - - - - L.	12536	9	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-
ham *H* - - - - - S.	27347	14	15	4	4	-	-	-	-	1	-	-	-	-	1	1	-
rsea *Ww* - - - - S.	54016	89	32	11	6	-	-	1	-	3	2	2	-	-	-	1	4
lsworth *HL* - - - S.	19783	19	11	2	2	-	-	-	1	-	-	-	-	1	-	-	3
ey - - - - - - S.	9439	7	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
tham - - - - - - L.	14475	10	8	2	3	-	-	-	-	1	-	-	-	-	-	-	-
ich - - - - L. & S.	4041	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
erwell *WLt†Lt*† - - S. & L.	31254	31	22	2	4	-	-	4	-	-	-	1	-	1	-	-	3
ham *W* - - S., L., & K.	42160	61	38	9	8	-	1	5	-	2	-	1	-	-	1	1	-
eorge Camberwell - - L. & S.	33851	30	27	4	7	-	-	2	-	1	-	-	-	1	-	1	-
aul Deptford *w* - - - K.	53714	39	33	7	6	9	-	-	-	-	-	1	-	-	-	-	9
icholas Deptford - - - K.	6474	11	5	3	1	-	-	-	-	-	-	-	-	-	-	-	-
wich West - - - - K.	21034	18	8	2	2	-	-	-	-	-	1	-	-	-	-	-	-
wich East *WH* - - - K.	19378	13	13	2	3	-	-	-	-	-	-	-	-	-	-	-	6
m *H* - - - - - K.	4539	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- - - - - - K.	16440	20	3	-	-	-	-	1	-	-	-	-	-	-	-	-	-
sham Village *WH* - - K.	11513	9	10	3	3	-	-	-	-	1	-	-	-	-	-	-	1
nham *H* - - - - L.	19065	11	6	1	1	-	-	-	1	-	-	1	-	-	-	-	-
lton *H* - - - - - K.	9564	6	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-
wich Dockyard - - - K.	17226	9	4	1	-	-	-	-	1	-	-	-	-	-	-	-	-
wich Arsenal *WHH* - - K.	18331	7	9	3	1	-	-	-	1	-	-	-	-	-	-	-	-
stead, West - - - - K.	13027	11	9	2	2	-	-	-	-	-	-	-	-	-	1	-	-
stead, East *W* - - - K.	15232	13	9	-	4	-	-	-	-	1	-	-	-	-	-	-	3

following Workhouse Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by *w*:—

entral London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
ondon City Workhouse in Islington East sub-district.
olborn Infirmary " " "
ondon City Workhouse " Hackney sub-district.
olborn " " Hoxton New Town sub-district.
hitechapel " Mile End Old Town Eastern sub-dist.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 16th November 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
	LONDON—OUTER RING	368,414	631,381	540	300	72	74	-	2	5	1	11	4	4	6	12
29 : 1	Carshalton *wL* - - -	12228	13523	9	11	-	4	-	-	-	-	-	-	-	-	-
2	Epsom (*part of*) * *WH* -	9971	9145	1	2	1	1	-	-	-	-	-	-	-	-	-
36 : 1	Godstone (*part of*) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	61	42	12	11	-	-	-	-	-	-	-	2	2
2	Mitcham *WH* - - -	11697	12534	9	7	1	1	-	-	-	-	-	1	-	-	-
38 : 1	Wimbledon *HH* - -	3220	9087	3	5	1	2	-	-	-	-	-	-	-	-	-
2	Kingston *WH* - - -	8549	27489	18	17	6	2	-	-	-	-	-	-	2	-	-
3	Esher (*part of*) * - -	6601	7353	2	1	-	-	-	-	-	-	-	-	-	-	-
4	Hampton - - - -	4573	10185	7	3	-	1	-	-	-	-	-	-	-	-	-
39 : 1	Richmond *WH* - - -	2271	16829	16	6	1	3	-	-	-	-	-	-	-	-	-
2	Mortlake - - - -	2961	9316	4	2	-	2	-	-	-	-	-	-	-	-	-
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	24	9	-	2	-	-	-	-	-	-	-	-	-
2	Chislehurst (*part of*) * *W* -	13665	10028	2	4	1	1	-	-	-	-	-	-	-	-	-
41 : 1	Bexley *H* - - - -	13439	19566	14	3	-	2	-	-	-	-	-	-	-	-	-
123 : 1	Sunbury *W* - - -	11055	9860	11	2	1	-	-	-	-	-	-	-	-	-	-
2	Staines *W* - - - -	13277	10339	3	2	1	1	-	-	-	-	-	-	-	-	-
124 : 1	Hillingdon *WH* - - -	6029	9712	8	2	-	-	-	-	-	-	-	-	-	-	-
2	Uxbridge - - - -	6178	5329	2	3	-	2	-	-	-	-	-	-	-	-	-
3	Hayes *WL* - - - -	14587	10497	7	2	-	1	-	-	-	-	-	-	-	-	-
125 : 1	Isleworth *W* - - -	7008	19930	12	11	4	3	-	-	-	-	-	-	-	-	2
2	Twickenham - - -	2477	10533	10	3	1	2	-	-	-	-	-	-	-	1	1
3	Brentford *HL* - - -	4370	20279	24	6	3	1	-	-	2	-	-	-	-	-	-
4	Chiswick - - - -	1311	8508	10	3	1	-	-	-	-	-	-	-	-	-	-
5	Acton *WH* - - - -	6087	12683	14	6	1	2	-	-	-	-	-	-	-	-	1
126 : 1	Harrow *H* - - - -	13809	10869	5	3	2	-	-	-	-	-	-	-	-	1	1
2	Edgware *H* - - -	6994	3450	3	2	1	1	-	-	-	-	-	-	-	-	1
3	Willesden - - - -	4383	15869	21	8	2	1	-	-	1	-	-	-	-	-	-
4	Hendon *WH* - - -	8382	6972	5	7	-	2	-	-	-	-	1	-	-	1	1
127 : 1	South Mimms - - -	15419	5924	3	1	-	-	-	-	-	-	-	-	-	1	1
2	Barnet *W* - - - -	5423	7752	6	4	1	2	-	-	-	-	-	-	-	-	-
3	Finchley *L* - - - -	4688	11493	7	14	-	3	-	-	-	-	-	-	-	-	-
128 : 1	Hornsey *H* - - - -	3039	19357	22	11	3	2	-	-	1	1	2	-	-	-	-
2	Tottenham *H* - - -	4642	22869	27	11	-	1	-	-	1	-	1	1	-	-	-
3	Edmonton *WW* - - -	7483	13860	17	10	1	6	-	1	-	-	-	1	-	-	1
4	Enfield *WH* - - -	12653	16054	21	8	2	1	-	-	-	-	1	-	-	-	-
5	Waltham Abbey - - -	11017	5197	1	2	1	-	-	-	-	-	1	-	-	-	-
6	Cheshunt - - - -	8493	7518	5	3	2	-	-	-	-	-	-	-	-	-	1
134 : 1	Hatfield (*part of*) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	9	1	-	-	-	-	-	-	-	-	-	-	-
185 : 1	Stratford - - - -	882	23286	37	11	3	3	-	-	-	-	1	-	-	-	-
2	West Ham *WWWW* - -	7315	44642	47	28	10	3	-	1	-	-	1	1	2	-	-
3	Leyton *WW* - - -	4274	15513	6	6	2	2	-	-	-	-	-	-	-	-	-
4	Walthamstow *H* - -	6619	15701	16	7	3	1	-	-	-	-	1	-	-	-	-
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	-	4	1	1	-	-	-	-	1	-	-	-	-
188 : 1	Romford (*part of*) * - -	6730	2879	2	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford - - - - -	8492	5947	2	4	2	1	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	7	3	1	-	-	-	-	-	1	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follo 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in God sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, excep two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoydon (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 16th November, 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	
ATER LONDON	446,494	4,450,015	23·0	2·7	1965	441	470	16	24	69	14	54	41	15	53	348
NNER LONDON -	78,080	3,577,304	24·3	3·0	1665	369	396	16	22	64	13	43	37	11	47	314
UTER RING -	368,414	872,711	17·9	1·6	300	72	74	–	2	5	1	11	4	4	6	34

TE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal 7·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area 8,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, hich 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than les to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,768,933 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	October 5	–	275	33·4	Fevers 108; cholera 15.
BOMBAY - -	644,405	" 15	–	581	37·0	Fevers 192; cholera 14.
MADRAS - -	397,552	" 4	288	397	51·9	Fevers 122; diarrhœal diseases 97.
PARIS - -	1,988,806	November 14	–	960	25·1	Typhoid fever 17; small-pox 4.
GENEVA - -	68,792	" 9	34	27	20·5	—
BRUSSELS - -	175,782	" 2	–	–	–	—
AMSTERDAM -	302,266	" 2	217	121	20·8	Diphtheria 2; whooping-cough 2.
ROTTERDAM -	142,585	" 2	102	70	25·5	Scarlet fever 4.
THE HAGUE -	107,896	" 2	99	44	21·1	—
COPENHAGEN -	220,000	" 12	192	82	19·4	Diphtheria 3.
STOCKHOLM -	152,825	" 2	–	44	14·8	—
CHRISTIANIA -	105,000	" 9	72	39	19·0	—
ST. PETERSBURGH	669,741	" 2	–	415	32·2	Small-pox 34; typhus & typhoid fever 24.
BERLIN - -	1,019,620	October 26	809	525	26·3	Diphtheria 36; scarlet fever 35.
HAMBURG (State)	406,104	November 2	304	178	22·9	Scarlet fever 5.
DRESDEN - -	207,845	" 2	165	93	23·0	Diphtheria and croup 7.
BRESLAU - -	267,000	" 9	220	130	25·3	Scarlet fever 3.
MUNICH - -	222,000	" 9	179	144	34·0	Diphtheria and croup 4.
VIENNA - -	727,271	" 9	579	378	27·0	Diphtheria 23.
BUDA-PESTH -	319,530	" 2	226	196	31·9	Small-pox 10; scarlet fever 9.
ROME - -	282,214	October 12	161	151	27·9	Typhus and typhoid fev. 6.
NAPLES - -	457,407	" 14	–	196	22·4	Typhus and typhoid fever 4.
TURIN - -	227,843	November 2	137	115	26·3	Small-pox 4; typhus and typhoid fever 3.
VENICE - -	139,796	" 9	–	–	–	—
ALEXANDRIA -	212,034	October 31	173	204	50·2	Whooping-cough 13.
NEW YORK -	1,084,528	" 19	–	–	–	—
BROOKLYN -	549,438	" 19	–	–	–	—
PHILADELPHIA -	876,118	" 26	–	265	15·8	Diphtheria 15; scarlet fever 12.
BALTIMORE -	365,000	" 26	–	120	17·2	Diphtheria 14; scarlet fever 5.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 16th NOVEMBER, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Difference. Between Dew Point Temperature and Air Temperature. Greatest.	Difference. Between Dew Point Temperature and Air Temperature. Least.	Difference. Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. Osler's. General Direction. P.M.	Wind. Osler's. Pressure on square foot. Greatest.	Wind. Osler's. Pressure on square foot. Least.	Wind. Osler's. Pressure on square foot. Mean of 24 Obs.	Wind. Robinson's. Amount of Horizontal Movement of Air each day.	Wind. Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
NOVEMBER.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN.	10	Full	29·208	50·8	37·2	13·6	45·1	44·0	52·9	35·3	43·5	40·3	1·1	3·4	0·0	+ 1·6	96	SW.	SW. & WSW.	13·0	0·0	2·4	713	+442	0·79	11·0
MON.	11	..	29·329	43·5	34·0	9·5	39·5	35·6	53·9	32·0	43·7	40·7	3·9	8·1	1·7	− 3·7	86	W.&WNW.	W.WSW. & SSW.	2·2	0·0	0·1	397	+125	0·04	2·0
TUES.	12	Greatest Dec. N.	29·258	38·8	31·3	7·5	35·1	28·9	71·2	28·2	43·5	40·8	6·2	9·9	2·2	− 7·8	78	WSW.	SW. & NE.	0·6	0·0	0·0	261	− 14	0·00	0·0
WED.	13	..	29·275	39·3	33·8	5·5	36·9	35·5	42·7	29·2	42·7	40·3	1·4	3·2	0·0	− 5·8	95	NW. & N.	N. & NNE.	0·2	0·0	0·0	210	− 70	0·03	0·0
THURS.	14	..	29·288	43·9	36·9	7·0	40·7	37·9	47·8	36·9	42·3	40·3	2·8	4·4	1·2	− 1·8	90	N.	N. & NNW.	2·4	0·0	0·2	375	+ 89	0·44	0·0
FRI.	15	..	29·047	41·7	37·7	4·0	39·9	39·0	43·5	37·7	42·3	40·3	0·9	2·1	0·0	− 2·4	97	NNW. & NW.	NW. & WNW.	2·5	0·0	0·5	458	+168	0·36	0·7
SAT.	16	..	29·134	44·8	38·2	6·6	41·7	37·5	60·2	36·3	42·1	40·3	4·2	6·5	1·4	− 0·5	85	WNW.	W. WSW. & WNW.	2·8	0·0	0·4	405	+110	0·08	2·3
MEANS		..	29·220	43·3	35·6	7·7	39·8	36·9	53·2	33·7	42·9	40·4	2·9	5·4	0·9	− 2·9	90	W. & NW.		..	..	..	Sum 2819	Sum +850	Sum 1·74	2·3
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. November.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY	10	No electricity was shown throughout the week.	0·0	9·1	Overcast with frequent heavy rain till evening; fine at night.
MONDAY	11		0·6	9·0	Generally cloudy. A shower of hail and granular snow fell shortly before 2h. P.M., and thin rain fell at night.
TUESDAY	12		4·0	9·0	Hoar frost in morning. Fine and partially cloudy throughout day. Foggy in evening; generally cloudless at night.
WEDNESDAY	13		0·0	8·9	Overcast. Occasional rain.
THURSDAY	14		0·0	8·9	Overcast. Frequent rain.
FRIDAY	15		0·0	8·8	Overcast. Frequent rain.
SATURDAY	16		0·2	8·8	Generally overcast. Rain fell in the early morning hours.
..		..	Sum 4·8	Sum 62·5	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and − "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Sir E. Y. W. Henderson, R.E., K.C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29·95 in. at the beginning of the week to 29·14 in. by 8h. P.M. on the 10th; increased to 29·38 in. by 3h. P.M. on the 11th; decreased to 29·23 in. by 9h. P.M. on the same day; increased to 29·32 in. by 9h. P.M. on the 13th; decreased to 29·02 in. by 3h. P.M. on the 15th; and was 29·20 in.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
25th November, 1878.

United Kingdom.

During last week 5836 *births* and 3976 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality from all causes was at the average rate of 25 deaths annually in every 1000 persons living. The annual death-rate was 23 per 1000 in Edinburgh, 29 in Glasgow, and 35 in Dublin; small-pox caused 11 deaths in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Portsmouth 14, Brighton 17, Wolverhampton 18, Leicester 19, Sunderland 19, Plymouth 21, Nottingham 22, London 23, Hull 23, Norwich 23, Newcastle-upon-Tyne 23, Birmingham 24, Bristol 25, Bradford 26, Manchester 26, Leeds 27, Liverpool 29, Sheffield 32, Salford 30, and the highest rate 38 in Oldham. The annual death-rate from the seven principal zymotic diseases averaged 3·2 per 1000 in the twenty towns, and ranged from 0·0 and 0·5 in Portsmouth and Brighton, to 6·4 and 7·8 in Liverpool and Oldham. The deaths from scarlet fever in the twenty towns, which in the eight preceding weeks had steadily increased from 137 to 239, declined last week to 201; the disease showed the greatest fatality in Oldham, Birmingham, and Liverpool. The deaths referred to fever were proportionally most numerous in Hull, Liverpool, and Sunderland. Two fatal cases of diphtheria were returned in Norwich. Small-pox caused 7 deaths in London, and one in Birmingham.

London.

In London 2530 births and 1547 deaths were registered. Allowing for increase of population, the births exceeded by 113, whereas the deaths were 181 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the three preceding weeks had been equal to 20·2, 23·2, and 24·3 per 1000, declined again last week to 22·6.

The 1547 deaths included 7 from small-pox, 18 from measles, 54 from scarlet fever, 11 from diphtheria, 31 from whooping-cough, 24 from different forms of fever, and 15 from diarrhœa; thus to the seven principal diseases of the zymotic class 160 deaths were referred, against 193 and 206 in the two preceding weeks. These 160 deaths were 111 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 2·3 per 1000. The fatal cases of scarlet fever, which had steadily increased from 24 to 64 in the nine preceding weeks, declined to 54 last week, and were 38 below the corrected average; 5 occurred in Islington, 9 in Lambeth, and 4 in Battersea. The Metropolitan Asylum Hospitals contained 160, and the London Fever Hospital 95, scarlet fever patients on Saturday last, against 138 and 82 on the previous Saturday. The 18 deaths from measles, which were 32 below the average, included 3 in Chelsea (of which 2 occurred in one family), and 4 in Bethnal Green. Whooping fatality was also considerably below the average. The 11 deaths referred to diphtheria were 2 less than those in the previous week, and included 2 in Islington, 2 in Southwark, and 2 in Lambeth. The death of an adult male, at 43, New Street, Southwark, was certified from "cholera, 3 days." The 24 fatal cases of fever showed a marked decline from the numbers in recent weeks, and were 17 below the corrected average; 3 were certified as typhus, 18 as enteric or typhoid, and 3 as simple continued fever. The 3 deaths referred to typhus occurred at 18, Fulham Place, Paddington; at 2 Cross Street, Bethnal Green; and at 7, Bridge Street, Greenwich. The Paddington case was certified as "typhlitis, continued fever, typhus fever." The 18 deaths from enteric fever included 3 in Islington, and 2 in Camberwell. The Metropolitan Asylum Hospitals contained 133, and the London Fever Hospital 17, enteric fever patients on Saturday last; these hospitals contained but 7 typhus fever patients.

The fatal cases of small-pox, which had been 3, 9, and 16 in the three preceding weeks, declined again to 7 last week, of which 4 occurred in the Metropolitan Asylum Hospitals, and 3 in private dwelling-houses. Of the 7 deceased small-pox patients, 4 had resided in Greenwich and Deptford, 2 in Southwark, and one in Fulham. The 3 fatal cases recorded in private dwelling-houses were of two children aged 6 and 15 years, at 82, Watergate Street, Deptford; and 50, Wellington Street, Deptford: and of a male adult aged 29 years, at 24, Nelson Street, Greenwich. Each of the 3 cases occurring in private practice were "not stated" as to vaccination; of the 4 hospital cases, 2 were certified as unvaccinated, and 2 as vaccinated. The Metropolitan Asylum Hospitals contained 149 small-pox patients on Saturday last, against numbers increasing steadily from 91 to 128 in the five preceding weeks; the number of new cases admitted to these Hospitals during the week were 30, against 37 and 32 in the two previous weeks. The small-pox patients in these hospitals are now as numerous as they were in the middle of September last. The Highgate Small-pox Hospital contained 2 patients on Saturday last.

The deaths referred to lung diseases, which had been 434 and 431 in the two previous weeks, further declined to 428 last week, and were 40 below the corrected weekly average; 277 resulted from bronchitis and 107 from pneumonia.

Different forms of violence caused 46 deaths; 41 were the result of negligence or accident, including 17 from fractures and contusions, 13 from burns and scalds, 2 from poison, and 4 of infants under one year of age from suffocation. A stationer, aged 47 years, died on 17th instant, at St. Bartholomew's Hospital, while under the influence of gas and ether, administered for the purpose of an operation. A child, aged 3 years, died on 10th instant, at Warren Lane Wharf, Woolwich, from the effects of drinking half a quartern of rum. The 17 deaths from fractures and contusions were thus caused:—male 9, run over by cart; male 47, fell from van; male 28, fell from omnibus; male 63, thrown from cab; male 66, fell down stairs; male 74, and females 53 and 75, fell in street; male 16, fell from railway truck (railway not stated); male 38, fractured skull from buffer of railway truck (railway not stated); male 17, caught by shaft of steam engine; male 2, fell from door step; male 21, fell into hold of vessel; male 46, fell into dock; female 54, by broken thigh; female 70, by fracture of leg; and male 41, by blow from horse which had fallen down. An inquest was held in each of these cases.

Greater London.

In Greater London 3124 births and 1846 deaths were registered, equal to annual rates of 36·6 and 21·7 per 1000 of the population. In the Outer Ring, 9 fatal cases of scarlet fever and 4 of diphtheria were registered. Ten deaths were referred to fever in the Outer Ring, including 2 both in Bexley and in Enfield sub-districts.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 39, Bombay 34, Madras 51; Paris 24; Geneva 19; Brussels 26; Amsterdam 23, Rotterdam 25, The Hague 23; Copenhagen 19; Stockholm 17; Christiania 18; St. Petersburgh 33; Berlin 26, Hamburg 24, Dresden 22, Breslau 26, Munich 33; Vienna 27, Buda-Pesth 41; Rome 21, Turin 33, Venice 31; Alexandria 42; New York 24, Brooklyn 22, Philadelphia 17, and Baltimore 16.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·91 in.; the lowest reading was 29·20 in. at the beginning of the week, and the highest 30·30 in. on Tuesday evening. The mean temperature of the *air* was 40°·6, and 1°·2 below the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from observations at the Royal Observatory. The mean somewhat exceeded the average on Sunday and Monday, but was below the average on each of the other days of the week; on Monday the mean was 42°·9, and 1°·0 above the average, whereas on Saturday it was only 37°·8, and showed a deficiency of 3°·9. The lowest night temperature was 32°·9 on Saturday, and the highest day temperature in the shade 49°·0 on Tuesday; the extreme range in the week was, therefore, 16°·1. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 75°·9 on Monday. The difference between the mean *dew-point* and *air* temperature averaged 4°·4. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police ship, was 41°·3. The mean degree of *humidity* of the air was 85, complete saturation being represented by 100. The general direction of the *wind* was northerly, and the horizontal movement of the air averaged 9·7 miles per hour, which was 3·0 below the average in the corresponding week of 16 years. *Rain* fell on two days of the week, to the amount of 0·12 of an inch. The duration of registered bright sunshine in the week was 11·8 hours, the sun being above the horizon during 60·0 hours; the recorded duration of sunshine was, therefore, equal to 20 per cent. of its possible duration. The recorded amount of ozone was unusually small.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, 23rd November 1878.

CITIES AND BOROUGHS. (Municipal Boundaries, except for LONDON and DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 23rd November, 1878. BIRTHS.	DEATHS.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL. In Inches.	In Centimetres.
In 23 TOWNS in the UNITED KINGDOM	220,307	8,373,953	38·0	5836	3976	50·5	22·3	38·4	3·55	0·21	0·53
LONDON	75,362	3,577,304	47·5	2530	1547	49·0	32·9	40·6	4·78	0·12	0·30
BRIGHTON	2,354	103,923	44·1	62	34	48·0	36·4	40·9	4·94	0·17	0·43
PORTSMOUTH	4,486	129,461	28·9	88	34	–	–	–	–	–	–
NORWICH	7,472	84,620	11·3	50	37	47·5	34·0	40·8	4·89	0·45	1·14
PLYMOUTH	1,395	73,599	52·8	50	30	50·5	29·5	39·4	4·11	0·19	0·48
BRISTOL	4,452	206,419	46·4	158	97	46·7	26·4	38·8	3·78	0·25	0·63
WOLVERHAMPTON	3,396	74,240	21·9	65	23	46·7	28·6	36·5	2·50	0·07	0·18
BIRMINGHAM	8,400	383,117	45·6	303	178	–	–	–	–	–	–
LEICESTER	3,200	121,473	38·0	79	44	47·5	29·0	37·6	3·12	0·22	0·56
NOTTINGHAM	9,960	165,267	16·6	116	70	47·3	25·2	37·2	2·89	0·09	0·23
LIVERPOOL	5,210	532,681	102·2	392	298	46·0	29·2	36·5	2·50	0·00	0·00
MANCHESTER	4,293	360,514	84·0	273	182	–	–	–	–	–	–
SALFORD	5,170	170,251	32·9	141	97	–	–	–	–	–	–
OLDHAM	4,666	107,366	23·0	72	78	–	–	–	–	–	–
BRADFORD	7,220	185,038	25·6	120	93	46·0	30·0	37·8	3·23	0·04	0·10
LEEDS	21,572	304,948	14·1	228	159	49·0	31·0	38·7	3·72	0·05	0·13
SHEFFIELD	19,651	289,537	14·7	194	179	46·5	26·0	36·1	2·28	0·03	0·08
HULL	3,635	143,139	39·4	98	62	49·0	29·0	36·1	2·28	0·27	0·69
SUNDERLAND	2,768	112,459	40·6	82	42	48·0	34·0	41·7	5·39	0·59	1·50
NEWCASTLE-ON-TYNE	5,371	144,570	26·9	108	64	–	–	–	–	–	–
EDINBURGH	4,191	222,371	53·1	140	97	47·3	28·8	39·5	4·17	0·84	2·13
GLASGOW	6,033	566,940	94·0	338	315	–	–	–	–	–	–
DUBLIN	10,050	314,666	31·3	149	213	48·7	22·3	36·2	2·33	0·05	0·13

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.
† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven and a quarter years' increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday, 23rd November, 1878.

BOROUGHS, &c. (Municipal Boundaries, except for LONDON and DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living. From All Causes.	From Seven Zymotic Diseases.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
In 20 TOWNS	24·1	3·2	3351	782	730	8	31	201	19	71	71	38	101	204	506
LONDON	22·6	2·3	1547	345	386	7	18	54	11	31	24	15	46	99	284
BRIGHTON	17·1	0·5	34	10	6	–	–	–	–	1	–	–	4	5	2
PORTSMOUTH	13·7	0·0	34	4	13	–	–	–	–	–	–	–	1	1	6
NORWICH	22·8	2·5	37	4	17	–	–	1	2	–	1	–	3	5	6
PLYMOUTH	21·3	0·7	30	9	8	–	–	–	–	1	–	–	1	3	3
BRISTOL	24·5	0·8	97	31	30	–	–	–	–	1	–	2	2	3	10
WOLVERHAMPTON	18·3	0·7	26	9	4	–	–	–	–	–	1	–	1	3	3
BIRMINGHAM	24·2	5·9	178	34	35	1	–	32	2	1	3	4	9	15	28
LEICESTER	18·9	1·7	44	16	8	–	1	–	–	2	1	–	2	5	6
NOTTINGHAM	22·1	0·6	70	14	21	–	–	–	–	1	–	1	2	6	12
LIVERPOOL	28·6	6·4	298	58	43	–	1	43	1	2	15	3	7	7	58
MANCHESTER	26·3	2·6	182	34	32	–	2	8	1	2	2	3	5	22	25
SALFORD	29·7	5·2	97	25	13	–	2	8	–	2	2	3	–	1	12
OLDHAM	37·9	7·8	78	19	12	–	–	12	1	–	1	2	2	2	8
BRADFORD	26·2	4·5	93	27	19	–	2	8	–	2	4	–	–	1	6
LEEDS	27·2	6·3	159	65	17	–	5	12	1	14	4	1	6	10	10
SHEFFIELD	32·3	4·7	179	46	29	–	–	11	–	10	4	1	1	4	16
HULL	22·6	3·3	62	13	14	–	–	2	–	–	5	2	3	4	5
SUNDERLAND	19·5	4·2	42	6	6	–	–	5	–	–	3	1	3	4	2
NEWCASTLE-ON-TYNE	23·1	2·5	64	13	17	–	–	5	–	1	1	–	3	4	4
DUBLIN	35·3	5·0	213	21	64	11	–	6	–	2	10	1	4	5	75

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the FORTY-SEVENTH Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2158	2080	2138	2119	2277	2353	2392	2303	2367	2398	2258·5	2530
Males . .	1083	1063	1081	1083	1121	1217	1255	1192	1169	1226	1149·0	1283
Females .	1075	1017	1057	1036	1156	1136	1137	1111	1198	1172	1109·5	1247
TOTAL **Deaths**	1507	1676	1652	1863	1277	1674	1925	1504	1504	1571	1615·3	1547
Males . .	748	852	860	917	647	892	958	763	761	816	821·4	796
Females .	759	824	792	946	630	782	967	741	743	755	793·9	751

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26	Nov. 2.	Nov. 9.	Nov. 16	Nov. 23.
TOTAL **Deaths** - - -	1365	1260	1259	1250	1355	1355	1418	1369	1446	1386	1590	1665	1547
0—20 - -	721	648	629	597	654	677	679	695	720	679	734	771	703
20—40 - -	163	174	193	183	214	188	198	194	196	187	206	216	181
40—60 - -	217	207	211	231	257	230	241	223	251	252	285	282	277
60—80 - -	215	189	187	198	191	216	241	206	234	225	304	326	327
at 80 years & upwds.	49	42	39	41	39	44	59	51	45	43	61	70	59
Deaths of children: Under 1 year -	397	354	331	326	336	380	344	378	355	376	367	369	345
Deaths of children: 1—5 - -	219	213	214	195	228	208	231	228	263	218	282	282	247
Deaths of children: 5—20 - -	105	81	84	76	90	89	104	89	102	85	85	120	111
Deaths from 7 principal Zymotic Diseases	281	252	211	193	192	190	191	171	173	154	193	206	160
" " Small-pox -	6	3	7	4	2	4	5	5	4	3	9	16	7
" " Measles - -	7	10	6	2	6	19	13	10	18	15	18	22	18
" " Scarlet fever -	29	30	27	24	30	34	33	45	46	49	60	64	54
" " Diphtheria -	12	10	13	10	13	20	17	12	12	10	11	13	11
" " Whooping-cough	56	54	37	43	53	40	52	33	33	22	33	43	31
" " Typhus fever -	2	2	5	–	1	2	1	2	–	1	3	6	3
" " Enteric (or Typhoid) fever -	20	18	25	25	20	22	31	24	30	27	31	29	18
" " Simple Contd fever	1	5	2	5	6	4	2	4	–	6	2	2	3
" " Diarrhœa - -	148	120	89	80	61	45	37	36	30	21	26	11	15
" " Simple Cholera -	6	4	1	1	–	–	–	–	–	–	–	1	1
" " Dis. of Respiratory Organs -	175	158	172	215	213	247	286	326	347	353	434	431	428
" " Phthisis - -	157	145	152	161	182	182	159	168	169	172	162	188	165
" " Heart Diseases -	58	72	74	62	81	83	95	68	78	85	98	127	93
Violent Deaths - - -	59	41	43	56	52	30	51	50	63	41	50	47	46
Inquest Cases - - -	91	64	63	85	100	61	109	82	106	80	109	91	99
Deaths in Public Institutions	262	233	246	241	269	213	285	262	268	271	307	314	284
TEMPERATURE OF THE AIR:													
Mean - - - - -	61·8°	61·2°	59·1°	54·4°	52·2°	55·8°	56·9°	51·9°	50·3°	41·0°	38·8°	39·8°	40·6°
Mean of Highest readings -	71·5	72·1	71·0	64·0	61·0	66·1	64·2	58·0	58·2	47·1	44·4	43·3	44·7
Mean of Lowest readings -	56·0	52·8	49·8	47·0	44·0	47·6	51·3	45·5	44·3	35·4	32·9	35·6	36·6
Mean Temperature of the Water of the Thames -	64·7	62·8	61·2	61·4	57·7	57·6	58·6	56·2	54·7	49·1	44·1	41·7	41·3
Humidity of the Air - -	85	82	79	79	85	81	78	85	85	89	82	90	85
Rain-fall in inches - -	1·15	0·00	0·02	0·49	0·19	0·13	0·54	0·00	0·98	0·14	0·10	1·74	0·12
Registered Sunshine (in hours)	27·5	31·2	40·1	34·6	9·6	41·0	31·3	18·0	15·6	11·2	15·5	4·8	11·8

METEOROLOGICAL OBSERVATIONS. (*See* TABLE **1.**)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-SEVENTH Week of the Year 1878.

CAUSES OF DEATH.	Average in the Forty-seventh Weeks of the 10 years 1868–77.*	In the Week ending Saturday, November 23, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature	40·4	Mean Tem. 40·6							
ALL CAUSES	1615·3	1547	345	247	111	181	277	327	59
SPECIFIED CAUSES	1609·9	1545	344	246	111	181	277	327	59
I. ZYMOTIC.									
ORDER 1.									
Small-pox	19·9	7	–	1	2	4	–	–	–
Measles	46·7	18	2	15	1	–	–	–	–
Scarlet Fever	85·7	54	4	35	15	–	–	–	–
Diphtheria	8·9	11	1	5	4	1	–	–	–
Quinsy	·9	–	–	–	–	–	–	–	–
Croup	15·4	13	–	9	4	–	–	–	–
Whooping-cough	40·2	31	10	20	1	–	–	–	–
Typhus	38·7 (Enteric or Typhoid Fev.)	3	–	–	1	1	–	1	–
Enteric or Typhoid Fev.		18	–	1	7	4	6	–	–
Simple continued Fev.		3	–	–	2	1	–	–	–
Erysipelas	11·3	4	2	–	–	–	1	1	–
Puerperal Fev. (Metria)	6·5	2	–	–	–	2	–	–	–
Carbuncle	·3	–	–	–	–	–	–	–	–
Influenza	·5	–	–	–	–	–	–	–	–
Dysentery	1·1	1	–	–	–	–	1	–	–
Diarrhœa	13·0	15	10	4	–	–	–	1	–
Simple Cholera	·2	1	–	–	–	1	–	–	–
Ague	·2	–	–	–	–	–	–	–	–
Remittent Fever	·2	–	–	–	–	–	–	–	–
Rheumatism	10·7	13	–	–	2	3	5	3	–
Other *Zymotic* Diseases	·2	–	–	–	–	–	–	–	–
ORDER 2.									
Syphilis	7·8	7	6	–	–	1	–	–	–
Stricture of Urethra	1·6	2	–	–	–	2	–	–	–
Hydrophobia	·1	–	–	–	–	–	–	–	–
Glanders	–	–	–	–	–	–	–	–	–
ORDER 3.									
Privation	·3	–	–	–	–	–	–	–	–
Want of Breast-milk	8·3	10	10	–	–	–	–	–	–
Purpura and Scurvy	3·1	2	1	1	–	–	–	–	–
Alcoholism { *a* Del. Tremens	1·0	–	–	–	–	–	–	–	–
Alcoholism { *b* Intemperance	1·0	1	–	–	–	–	1	–	–
ORDER 4.									
Thrush	2·6	3	3	–	–	–	–	–	–
Worms, &c.	·5	1	–	–	–	1	–	–	–
CONSTITUTIONAL.									
ORDER 1.									
Gout	2·6	4	–	–	–	–	3	1	–
Dropsy	11·6	9	1	1	–	1	3	2	1
Cancer	35·4	43	–	1	1	2	18	19	2
Cancrum Oris (Noma)	·5	2	1	1	–	–	–	–	–
Mortification	3·9	3	–	–	–	–	–	2	1
ORDER 2.									
Scrofula	9·8	10	–	6	3	–	–	1	–
Tabes Mesenterica	19·0	25	14	10	1	–	–	–	–
Phthisis	169·6	165	1	2	14	84	54	10	–
Hydrocephalus	23·3	28	10	12	6	–	–	–	–
III. LOCAL.									
ORDER 1.									
Cephalitis	14·9	25	7	7	5	1	2	3	–
Apoplexy	42·4	47	–	1	1	4	16	22	3
Paralysis	29·5	33	–	–	–	3	12	16	2
Insanity	1·5	4	–	–	–	2	2	–	–
Chorea	·1	1	–	–	1	–	–	–	–
Epilepsy	5·4	12	–	–	4	2	2	4	–
Convulsions	50·6	46	38	7	1	–	–	–	–
Brain Disease, &c.	17·3	21	1	–	3	1	8	8	–
ORDER 2.									
Pericarditis	4·6	3	1	–	–	1	–	1	–
Aneurism	2·6	1	–	–	–	–	1	–	–
Heart Disease, &c.	80·2	89	–	4	3	10	32	35	5
ORDER 3.									
Laryngitis	5·8	7	2	4	–	–	1	–	–
Bronchitis	270·4	277	89	40	3	8	37	92	8
Pleurisy	5·4	4	–	–	–	3	1	–	–
Pneumonia	116·9	107	32	31	8	11	12	11	2
Asthma	16·5	12	–	–	–	–	5	7	–
Lung Disease, &c.	22·7	21	10	3	–	–	–	6	2

CAUSES OF DEATH.	Average in the Forty-seventh Weeks of the 10 years 1868–77.*	In the Week ending Saturday, November 23, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature	40·4	Mean Tem. 40·6							
ORDER 4.									
Gastritis	2·5	1	–	–	–	–	1	–	–
Enteritis	5·2	6	1	1	1	–	3	–	–
Peritonitis	4·7	3	–	–	2	1	–	–	–
Ascites	2·4	–	–	–	–	–	–	–	–
Ulceration of Intestines	2·2	3	–	–	–	2	1	–	–
Hernia	3·6	1	–	–	–	–	1	–	–
Ileus	4·3	6	–	–	–	2	2	2	–
Intussusception	·5	1	1	–	–	–	–	–	–
Stricture of Intestines	·6	1	–	–	–	–	1	–	–
Fistula	·2	–	–	–	–	–	–	–	–
Stomach Disease, &c.	6·3	15	1	–	1	2	4	3	4
Pancreas Disease, &c.	–	–	–	–	–	–	–	–	–
Hepatitis	2·5	3	–	–	–	1	2	–	–
Jaundice	3·3	1	–	–	–	–	–	1	–
Liver Disease, &c.	17·7	19	–	–	1	2	10	6	–
Spleen Disease, &c.	–	1	–	–	–	–	–	1	–
ORDER 5.									
Nephritis	3·1	4	–	–	2	–	–	1	1
Ischuria	·6	–	–	–	–	–	–	–	–
Bright's Dis. (Nephria)	16·1	20	–	–	1	5	7	7	–
Diabetes	3·0	4	–	–	–	3	–	1	–
Calculus (Stone)	1·1	2	–	–	–	–	–	2	–
Cystitis	1·6	1	–	–	–	–	1	–	–
Kidney Disease, &c.	10·1	7	–	–	1	–	4	2	–
ORDER 6.									
Ovarian Dropsy	·7	–	–	–	–	–	–	–	–
Uterus Disease, &c.	4·7	8	–	–	1	1	3	3	–
ORDER 7.									
Synovitis (Arthritis)	·2	–	–	–	–	–	–	–	–
Joint Disease, &c.	7·1	8	–	2	2	1	2	1	–
ORDER 8.									
Phlegmon	2·9	3	–	1	1	1	–	–	–
Ulcer	1·8	–	–	–	–	–	–	–	–
Skin Disease, &c.	1·5	1	1	–	–	–	–	–	–
IV. DEVELOPMENTAL.									
ORDER 1.									
Premature Birth	23·5	25	25	–	–	–	–	–	–
Cyanosis	2·9	2	2	–	–	–	–	–	–
Spina Bifida	1·1	1	1	–	–	–	–	–	–
Other Malformations	1·7	1	1	–	–	–	–	–	–
Teething	11·2	12	7	5	–	–	–	–	–
ORDER 2.									
Paramenia†	·1	–	–	–	–	–	–	–	–
Childbirth (*see* Puerperal Fever)	5·3	3	–	–	1	–	2	–	–
ORDER 3.									
Old Age	51·2	65	–	–	–	–	–	37	28
ORDER 4.									
Atrophy and Debility	61·8	52	40	3	1	–	1	7	–
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
Fractures & Contusions	18·2	17	–	1	3	3	5	5	–
Wounds { Gunshot	·7	–	–	–	–	–	–	–	–
Wounds { Cut, Stab		–	–	–	–	–	–	–	–
Burns and Scalds	6·6	13	2	10	–	–	1	–	–
Poison	·7	2	–	1	–	–	–	1	–
Drowning	3·1	–	–	–	–	–	–	–	–
Suffocation	11·4	6	4	1	–	–	1	–	–
Otherwise	3·9	3	2	–	–	1	–	–	–
ORDER 3. (HOMICIDE.)									
Murder & Manslaughter	1·8	1	–	–	–	1	–	–	–
ORDER 4. (SUICIDE.)									
Wounds { Gunshot	·1	2	–	–	–	1	–	1	–
Wounds { Cut, Stab	·6	–	–	–	–	–	–	–	–
Poison	1·5	2	–	–	–	–	2	–	–
Drowning	1·2	–	–	–	–	–	–	–	–
Hanging	1·1	–	–	–	–	–	–	–	–
Otherwise	·3	–	–	–	–	–	–	–	–
ORDER 5. (EXECUTION.)									
Hanging	–	–	–	–	–	–	–	–	–
Sudden Deaths (Cause unascertained)	·9	–	–	–	–	–	–	–	–
Causes not specified or ill-defined	4·5	2	1	1	–	–	–	–	–

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCA during the Week en

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON - - -	3,254,260	2530	1547	345	386	7	18	54	11	31	3	18	3	15	46	99
WEST DISTRICTS - - - -	561,359	402	265	52	75	1	4	9	-	4	1	2	-	2	8	15
NORTH DISTRICTS - - -	751,729	535	353	80	88	-	-	12	3	7	-	7	1	3	6	28
CENTRAL DISTRICTS - - -	334,369	197	125	22	28	-	1	3	-	2	-	3	-	2	6	10
EAST DISTRICTS - - - -	639,111	550	295	65	76	-	7	5	1	5	1	2	2	1	12	25
SOUTH DISTRICTS - - - -	967,692	846	509	126	119	6	6	25	7	13	1	4	-	7	14	21
WEST DISTRICTS.																
St. Mary Paddington *WH* G.J. & W.M.	58728	37	25	4	9	-	-	-	-	-	1	-	-	-	-	-
St. John Paddington *H* - - G.J.	38085	13	15	2	7	-	-	-	-	-	-	-	-	-	2	2
Kensington Town *W* - - - W.M.	91645	68	50	13	11	-	1	1	-	2	-	-	-	1	-	2
Brompton *H* - - - W.M. & C.	28654	20	12	1	2	-	-	-	-	-	-	1	-	-	-	1
St. Peter Hammersmith - - W.M.	6662	7	5	1	1	-	-	1	-	-	-	-	-	-	-	-
St. Paul Hammersmith *H* W.M. & G.J.	36029	43	23	6	4	-	-	1	-	1	-	-	-	1	3	3
Fulham *WwH* - - - W.M. & C.	23350	39	17	5	6	1	-	1	-	-	-	-	-	-	-	-
Chelsea South *HHH* - - - C.	26420	12	14	3	4	-	-	-	-	-	-	1	-	-	-	-
Chelsea North-west *WHHHH* - C.	22926	20	17	2	4	-	3	-	-	-	-	-	-	-	-	1
Chelsea North-east - - - C.	21392	31	7	-	2	-	-	1	-	-	-	-	-	-	-	-
Hanover Square *H* - - - G.J.	18698	5	4	-	3	-	-	-	-	-	-	-	-	-	-	-
May Fair *WW* - - - - G.J.	13358	5	10	1	5	-	-	-	-	1	-	-	-	-	-	-
Belgrave *HH* - - - - C.	57972	41	22	6	3	-	-	-	-	-	-	-	-	-	2	2
St. John Westminster *HH* - - C.	38478	25	11	3	3	-	-	-	-	-	-	-	-	-	-	2
St. Margaret Westminster *WH* - C.	27781	11	14	4	3	-	-	-	-	-	-	-	-	-	1	2
Golden Square *WH* - - - G.L.	12860	5	3	-	2	-	-	-	-	-	-	-	-	-	-	-
Berwick-street *H* - N.R. & G.J.	20759	11	8	-	2	-	-	4	-	-	-	-	-	-	-	-
St. Anne Soho *HHHHH* - - N.R.	17562	9	8	1	4	-	-	-	-	-	-	-	-	-	-	-
NORTH DISTRICTS.																
All Souls Marylebone *HHHH* - W.M.	28579	13	12	-	3	-	-	-	-	-	-	-	-	-	-	2
Cavendish Square *HH* - - W.M.	15425	10	5	2	2	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone *WH* G.J. & W.M.	26384	20	16	2	6	-	-	-	-	-	-	-	-	-	-	-
St. Mary Maryleb. *HHH* G.J. & W.M.	21786	17	6	1	2	-	-	-	-	-	-	-	-	-	-	-
Christchurch Marylebone *H* - W.M.	33944	13	19	13	3	-	-	-	1	-	-	-	-	1	1	3
St. John Marylebone *H* - - W.M.	33136	18	9	2	1	-	-	-	-	-	-	-	-	-	1	1
Hampstead *WwHH* - N.R. & W.M.	32281	19	14	5	1	-	-	-	-	-	-	-	-	-	-	1
Regent's Park Pancras - - W.M.	38200	16	12	4	3	-	-	-	-	-	-	1	-	-	-	1
Tottenham-court *wHHH* N.R. & W.M.	29370	24	17	4	2	-	-	-	-	-	-	-	-	-	-	-
Gray's Inn Lane *HHH* - - N.R.	29221	23	22	6	3	-	-	1	-	2	-	-	-	-	-	-
Somers Town - - - - N.R.	38533	24	7	2	-	-	-	-	-	-	-	-	1	1	-	-
Camden Town *WH* - - - N.R.	17943	6	9	2	3	-	-	-	-	1	-	-	-	-	-	1
Kentish Town *w* - - - - N.R.	68198	54	34	6	11	-	-	3	-	-	-	1	-	1	-	-
Islington West *HHH* - - - N.R.	97820	90	38	10	3	-	-	3	-	-	-	2	-	-	1	6
Islington East *WWwwH* - - N.R.	115958	75	69	12	24	-	-	2	2	2	-	2	-	-	2	10
Stoke Newington *H* - - - N.R.	9841	11	6	1	2	-	-	1	-	1	-	-	-	-	-	-
Stamford Hill - - - - E.L.	6598	4	2	-	1	-	-	-	-	-	-	-	-	-	-	-
West Hackney - - - - N.R.	28069	22	12	-	3	-	-	1	-	-	-	-	-	-	1	2
Hackney *WwwHL* - E.L. & N.R.	50104	49	30	5	9	-	-	1	-	-	-	-	-	-	-	1
South Hackney - - - - E.L.	30339	27	14	3	6	-	-	-	-	1	-	1	-	-	-	-
CENTRAL DISTRICTS.																
St. George Bloomsbury - - N.R.	17853	5	4	2	1	-	-	-	-	-	-	-	-	-	-	-
St. Giles South *WH* - - - N.R.	19109	13	4	-	4	-	-	-	-	-	-	-	-	-	-	-
St. Giles North - - - - N.R.	16594	9	10	2	3	-	-	-	-	-	-	-	-	-	1	2
St. Martins-in-the-Fields* - N.R. & C.	21238	11	7	-	1	-	-	-	-	-	-	-	-	-	-	-
St. Mary-le-Strand - - - N.R.	9378	4	2	-	-	-	-	-	-	1	-	-	-	-	-	-
St. Clement Danes *H* - - - N.R.	10723	6	6	1	-	-	-	-	-	-	-	-	-	-	-	-
St. George-the-Martyr *HHHHH* N.R.	20521	12	11	1	3	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Eastern *W* - - N.R.	13529	4	5	-	1	-	-	-	-	-	-	-	-	-	-	-
Saffron Hill *H* - - - - N.R.	9066	4	4	-	2	-	1	-	-	-	-	-	-	-	-	-
St. James Clerkenwell *W* - - N.R.	18917	17	4	1	-	-	-	-	-	-	-	1	-	1	-	-
Amwell Clerkenwell - - - N.R.	16884	13	7	2	1	-	-	-	-	-	-	-	-	-	-	2
Pentonville - - - - - N.R.	13337	12	6	1	1	-	-	-	-	-	-	-	-	-	-	1
Goswell-street - - - - N.R.	16242	11	8	2	1	-	-	-	-	1	-	-	-	-	-	-
Old-street *H* - - - - N.R.	12161	12	5	3	-	-	-	-	-	-	-	-	-	-	-	-
City-road *HHL* - - - - N.R.	18301	16	6	1	2	-	-	1	-	-	-	-	-	-	-	-
Whitecross-street - - - - N.R.	13792	9	7	2	1	-	-	1	-	-	-	-	-	1	-	-
Finsbury - - - - - N.R.	10741	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph *H* - - N.R. & E.L.	14540	10	4	-	2	-	-	-	-	-	-	-	-	-	-	-
Cripplegate - - - - - N.R.	13638	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre *H* - - - - N.R.	7562	5	12	-	2	-	-	-	-	-	-	1	-	-	5	5
St. Bride *W* - - - - - N.R.	11185	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard - - - - N.R.	4426	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Christchurch - - - - N.R.	6270	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-
Queenhithe - - - - - N.R.	4753	1	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking - - - N.R.	5764	2	2	1	1	-	-	-	-	-	-	-	-	-	-	-
Broad-street *H* - - - - N.R.	7845	3	2	-	1	-	-	1	-	-	-	-	-	-	-	-

* On 1st August the sub-districts of Long Acre and Charing Cross were united for registration purposes under the name of St. Martins-in Fields sub-district.

NOTE.—The Italic capitals placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—V house; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it s see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. sig Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East Lo and K. the Kent Company.

:VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
turday, 23rd November 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
olywell Shoreditch - N.R. & E.L.	12430	2	2	-	-	-	-	-	-	-	-	-	-	-	1	1	-
. Leonard Shoreditch *HL*† - N.R.	16545	11	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
oxton New Town *w* - - - N.R.	27835	32	18	-	6	-	-	-	-	-	-	-	-	-	-	1	6
oxton Old Town - - - - N.R.	26933	24	8	1	4	-	-	-	-	-	-	-	-	-	-	-	-
aggerston *WH* - - N.R. & E.L.	43421	33	32	3	7	-	-	3	-	-	-	-	-	-	1	5	5
ackney-road *H* - - - - E.L.	29822	29	10	4	-	-	2	-	-	-	1	1	-	-	-	-	-
reen, Bethnal Green *WHL*† - E.L.	42433	45	25	5	5	-	-	-	-	-	-	-	-	-	-	1	12
urch, Bethnal Green - E.L.	26577	21	13	3	1	-	2	1	-	-	-	-	-	-	1	1	-
wn, Bethnal Green - - - E.L.	21272	22	8	1	2	-	-	-	-	-	-	-	-	-	-	-	-
italfields *H* - - E.L. & N.R.	22499	13	11	1	4	-	-	-	-	-	-	-	-	-	1	2	1
ile End New Town *W* - - E.L.	15550	12	19	4	8	-	1	-	-	-	-	-	-	-	-	-	14
hitechapel North - E.L. & N.R.	11597	8	3	-	1	-	1	1	-	-	-	-	-	-	-	-	-
hitechapel Church *H* - - E.L.	7322	5	11	-	3	-	-	-	-	-	-	-	-	-	4	4	9
odman's Fields - - - - E.L.	10381	7	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-
dgate - - - - N.R. & E.L.	9224	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
. Mary St. George East - - E.L.	17900	16	4	2	2	-	-	-	-	-	-	-	-	1	-	-	-
. Paul St. George East - - E.L.	21350	17	3	1	1	-	-	-	1	-	-	-	-	-	-	-	-
. John St. George East *W* - E.L.	8802	10	6	-	3	-	-	-	-	-	-	-	1	-	-	-	5
adwell *H* - - - E.L. & N.R.	11610	3	6	3	-	-	-	-	-	-	-	-	-	-	-	-	2
ttcliff - - - - - E.L.	16131	9	5	-	3	-	-	-	-	-	-	-	-	-	-	-	-
mehouse - - - - - E.L.	29919	27	9	3	2	-	-	-	-	-	-	-	-	-	-	1	-
ile End Old Town West - - E.L.	38128	32	7	2	2	-	-	-	-	1	-	-	-	-	-	1	-
ile End Old Town East *WwwH* - E.L.	55024	62	28	7	9	-	1	-	-	-	-	-	1	-	1	2	4
ow *wwwH* - - - - E.L.	67765	73	44	12	9	-	-	-	-	-	-	1	-	-	2	4	12
oplar *WW* - - - - - E.L.	48611	35	16	9	3	-	-	-	-	4	-	-	-	-	1	2	1
SOUTH DISTRICTS.																	
ristchurch Southwark *WH* L. & S.	14573	6	7	-	3	-	-	-	-	1	-	-	-	-	1	1	2
. Saviour Southwark *H* - S.	15677	14	7	1	-	-	-	1	-	-	-	-	-	-	-	-	-
ent-road - - - - S. & L.	20421	13	13	7	1	-	-	-	2	-	-	-	-	-	1	3	-
orough-road *WH* - - S. & L.	16695	15	11	3	1	-	-	3	-	-	-	-	-	-	1	3	1
ondon-road *HL* - - L. & S.	18961	17	11	3	2	-	-	1	-	1	-	-	-	-	-	-	1
inity Newington - - S. & L.	23682	29	7	1	3	-	-	-	-	-	-	-	-	-	-	-	-
. Peter Walworth *W* - S. & L.	48248	41	49	11	13	-	1	-	1	1	-	-	-	1	-	-	19
. Mary Newington - - L. & S.	16792	13	11	3	2	-	-	1	-	2	-	-	-	-	-	-	-
. Olave Southwark *H* - - S.	4373	2	11	-	2	-	-	-	-	-	-	-	-	-	3	3	10
. John Horsleydown *W* - - S.	10500	12	10	1	-	-	-	1	-	-	-	-	-	-	-	-	3
ather Market - - - S. & L.	16787	10	7	2	2	-	-	-	-	-	-	-	-	1	1	1	-
. Mary Magdalen *W* - - - S.	15709	18	7	1	1	-	1	1	-	-	-	-	-	-	-	-	2
. James Bermondsey - - S.	47933	54	17	6	5	-	-	1	-	1	-	-	-	-	-	-	-
otherhithe *W* - - - S. & K.	27096	26	17	8	3	-	1	-	-	-	-	-	-	1	1	2	2
aterloo-road 1st *H* - - L. & S.	14074	10	5	1	1	-	-	1	-	-	-	-	-	-	-	1	2
aterloo-road 2nd *H* - - L. & S.	18465	8	6	3	2	-	-	-	-	-	-	-	-	-	-	-	-
mbeth Church 1st *H* - L. & S.	19492	18	14	4	4	-	-	-	1	-	-	-	-	-	1	1	7
mbeth Church 2nd *WW* - L. & S.	35833	39	21	8	5	-	1	-	-	1	-	-	-	-	-	-	2
nnington 1st - - - S. & L.	41286	33	16	5	3	-	-	6	-	-	-	-	-	-	-	-	-
nnington 2nd - - - S. & L.	31221	20	13	1	5	-	-	1	1	-	-	-	-	-	-	-	-
ixton *w* - - - - L. & S.	35435	50	19	5	5	-	-	2	-	-	-	-	-	-	1	1	1
orwood *W* - - - - - L.	12536	10	3	2	-	-	-	-	-	1	-	-	-	-	-	-	-
apham *H* - - - - - S.	27347	15	6	-	2	-	-	-	-	-	-	1	-	-	-	-	1
ttersea *Ww* - - - - S.	54016	78	33	11	4	-	-	4	1	1	-	-	-	-	-	-	4
andsworth *HL* - - - S.	19783	16	7	1	-	-	-	-	-	-	-	-	-	-	-	1	3
itney - - - - - - S.	9439	5	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
reatham - - - - - - L.	14475	14	9	-	4	-	1	-	-	-	-	-	-	-	-	-	-
lwich - - - - - L. & S.	4041	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
mberwell *WL*†*L*† - - S. & L.	31254	17	19	1	7	-	1	-	-	-	-	1	-	1	-	-	4
ckham *W* - - S., L., & K.	42160	40	22	6	3	-	-	-	-	-	-	1	-	-	1	-	-
. George Camberwell - L. & S.	33851	30	21	10	2	-	-	2	1	1	-	-	-	1	-	-	-
. Paul Deptford *w* - - - K.	53714	50	27	7	4	3	-	-	-	2	-	1	-	-	-	-	3
. Nicholas Deptford - - - K.	6474	4	4	-	1	2	-	-	-	-	-	-	-	-	-	-	-
reenwich West - - - - K.	21034	9	16	2	9	-	-	-	-	-	1	-	-	-	-	-	-
reenwich East *WH* - - - K.	19378	13	13	1	5	1	-	-	-	1	-	-	-	-	-	-	8
tham *H* - - - - - K.	4539	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e - - - - - - K.	16440	9	5	1	3	-	-	-	-	-	-	-	-	-	-	-	-
wisham Village *WH* - - K.	11513	11	5	2	3	-	-	-	-	-	-	-	-	1	-	-	1
denham *H* - - - - L.	19065	15	5	2	1	-	-	-	-	-	-	-	-	1	-	-	-
arlton *H* - - - - - K.	9564	8	4	-	1	-	-	-	-	-	-	-	-	-	-	-	1
oolwich Dockyard - - - K.	17226	11	3	1	-	-	-	-	-	-	-	-	-	-	1	1	-
oolwich Arsenal *WHH* - - K.	18331	12	9	2	2	-	-	-	-	-	-	-	-	-	1	2	1
umstead West - - - - K.	13027	10	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-
umstead East *W* - - - K.	15232	18	10	2	3	-	-	-	-	-	-	-	-	-	1	1	1

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the ve Table by *w* :—

Central London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary " " "
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.
London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7.—LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 23rd November 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
	LONDON—OUTER RING	368,414	631,381	594	299	72	89	–	3	9	4	8	10	3	5	12
29 : 1	Carshalton *wL* - - -	12228	13523	12	–	–	–	–	–	–	–	–	–	–	–	–
2	Epsom (*part of*) * *WH* -	9971	9145	11	–	–	–	–	–	–	–	–	–	–	–	–
36 : 1	Godstone (*part of*) * - -	2754	900	–	–	–	–	–	–	–	–	–	–	–	–	–
37 : 1	Croydon *WWH* - - -	20851	71319	46	32	8	10	–	–	–	1	1	–	–	–	1
2	Mitcham *WH* - - -	11697	12534	8	8	2	1	–	–	–	–	–	–	–	–	–
38 : 1	Wimbledon *HH* - - -	3220	9087	13	6	2	2	–	–	–	–	–	–	–	–	–
2	Kingston *WH* - - -	8549	27489	16	10	3	5	–	–	–	–	–	–	–	–	–
3	Esher (*part of*) * - -	6601	7353	8	4	1	2	–	–	–	–	–	–	–	–	–
4	Hampton - - - -	4573	10185	13	6	2	2	–	–	–	–	–	–	–	–	–
39 : 1	Richmond *WH* - - -	2271	16829	9	11	6	1	–	–	–	–	1	1	–	–	–
2	Mortlake - - - -	2961	9316	9	4	1	–	–	–	–	–	–	–	–	–	1
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	27	8	3	1	–	–	–	–	–	1	1	–	–
2	Chislehurst (*part of*) * *W* -	13665	10028	14	4	–	2	–	–	–	1	–	–	–	–	–
41 : 1	Bexley *H* - - - -	13439	19566	19	11	1	4	–	–	–	–	–	2	–	–	2
123 : 1	Sunbury *W* - - -	11055	9860	6	5	1	2	–	–	–	–	1	–	1	–	–
2	Staines *W* - - - -	13277	10339	9	4	1	1	–	–	–	–	–	–	–	–	–
124 : 1	Hillingdon *WH* - - -	6029	9712	11	5	–	3	–	–	–	–	–	–	–	–	–
2	Uxbridge - - - -	6178	5329	1	1	–	–	–	–	–	–	–	–	–	–	–
3	Hayes *WL* - - - -	14587	10497	8	3	–	2	–	–	–	–	–	–	–	–	–
125 : 1	Isleworth *W* - - -	7008	19930	16	16	3	7	–	–	1	–	–	1	–	1	3
2	Twickenham - - -	2477	10533	7	5	1	1	–	–	1	–	–	–	–	–	–
3	Brentford *HL* - - -	4370	20279	17	9	4	1	–	–	2	–	–	–	–	–	–
4	Chiswick - - - -	1311	8508	9	6	2	–	–	–	1	–	–	1	–	–	–
5	Acton *WH* - - - -	6087	12683	8	9	1	3	–	–	–	1	1	–	–	–	1
126 : 1	Harrow *H* - - - -	13809	10869	12	2	1	1	–	–	–	–	–	–	–	–	–
2	Edgware *H* - - -	6994	3450	5	2	–	2	–	–	–	–	–	–	–	–	–
3	Willesden - - - -	4383	15869	18	14	8	5	–	–	–	–	–	–	–	–	–
4	Hendon *WH* - - -	8382	6972	7	3	–	2	–	–	–	–	–	–	–	–	–
127 : 1	South Mimms - - -	15419	5924	1	1	–	–	–	–	–	–	–	–	–	–	–
2	Barnet *W* - - - -	5423	7752	3	4	1	1	–	–	1	–	–	–	–	–	–
3	Finchley *L* - - - -	4688	11493	15	5	1	–	–	–	2	–	–	–	–	–	–
128 : 1	Hornsey *H* - - - -	3039	19357	31	8	2	5	–	–	–	–	1	–	–	1	1
2	Tottenham *H* - - -	4642	22869	21	3	1	–	–	–	–	–	–	–	–	–	–
3	Edmonton *WW* - - -	7483	13860	12	12	3	5	–	1	–	–	1	1	–	–	–
4	Enfield *WH* - - -	12653	16054	7	6	–	1	–	–	–	–	–	2	–	–	–
5	Waltham Abbey - - -	11017	5197	3	1	–	1	–	–	–	–	–	–	–	–	–
6	Cheshunt - - - -	8493	7518	6	4	1	1	–	–	–	–	–	–	–	–	–
134 : 1	Hatfield (*part of*) * - -	3180	559	–	–	–	–	–	–	–	–	–	–	–	–	–
136 : 1	Bushey - - - -	9028	6472	3	2	–	1	–	–	–	1	–	–	–	–	–
185 : 1	Stratford - - - -	882	23286	34	9	3	–	–	–	–	–	–	–	–	–	–
2	West Ham *WWWW* - -	7345	44642	68	31	6	5	–	2	–	–	2	–	1	2	2
3	Leyton *WW* - - -	4274	15513	15	13	1	7	–	–	–	–	–	1	–	–	–
4	Walthamstow *H* - -	6619	15701	19	3	–	–	–	–	–	–	–	–	–	–	–
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	6	1	–	1	–	–	–	–	–	–	–	–	–
188 : 1	Romford (*part of*) * - -	6730	2879	2	1	–	–	–	–	–	–	–	–	–	1	1
2	Ilford - - - - -	8492	5947	2	5	1	1	–	–	1	–	–	–	–	–	–
3	Barking Town - - -	4128	6576	7	2	1	–	–	–	–	–	–	–	–	–	–

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follo 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in God sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, excep two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoidon (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 23rd November 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Deaths in Public Institutions.
EATER LONDON	446,494	4,450,015	21·7	2·3	1846	417	475	7	21	63	15	39	34	18	51	308
INNER LONDON -	78,080	3,577,304	22·6	2·3	1547	345	386	7	18	54	11	31	24	15	46	284
OUTER RING -	368,414	872,711	17·9	2·2	299	72	89	–	3	9	4	8	10	3	5	24

OTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal 97·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area 68,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, hich 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than iles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,768,933 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending		BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	October	12	–	319	38·7	Fevers 126; cholera 9.
BOMBAY - -	644,405	"	22	–	536	34·1	Fevers 157.
MADRAS - -	397,552	"	11	290	393	51·4	Fevers 119; dysentery 70.
PARIS - - -	1,988,806	November	21	–	906	23·7	Typhoid fever 19.
GENEVA - -	68,792	"	16	35	25	19·2	—
BRUSSELS - -	175,782	"	2	107	88	26·1	Typhoid fever 3; whooping-cough 4.
		"	9	111	88	26·1	—
AMSTERDAM -	302,266	"	9	233	134	23·0	Whooping-cough 3.
ROTTERDAM -	142,585	"	9	115	69	25·1	Scarlet fever 2.
THE HAGUE -	107,896	"	9	78	47	22·6	Measles 3.
COPENHAGEN -	220,000	"	19	175	82	19·4	—
STOCKHOLM -	152,825	"	9	–	49	16·7	—
CHRISTIANIA -	105,000	"	16	105	37	18·0	Scarlet fever 3.
ST. PETERSBURGH	669,741	"	9	–	423	32·8	Small-pox 32; typhus and typhoid fever 16.
BERLIN - -	1,019,620	"	2	799	516	25·8	Scarlet fever 27; diphtheria 27.
HAMBURG (State)	406,104	"	9	288	183	23·5	Diphtheria and croup 6.
DRESDEN - -	207,845	"	9	127	88	21·8	Diphtheria and croup 6.
BRESLAU - -	267,000	"	16	207	131	25·5	Scarlet fever 7.
MUNICH - -	222,000	"	16	184	139	33·0	Diphtheria and croup 8.
VIENNA - -	727,271	"	16	591	374	26·7	Diphtheria 16; small-pox 9.
BUDA-PESTH -	319,530	"	9	225	249	40·5	Small-pox 7; typhus fever 6.
ROME - - -	282,214	October	19	147	112	20·7	Diphtheria and croup 6.
NAPLES - -	457,407	"	21	–	–	–	—
TURIN - -	227,843	November	9	152	146	33·4	Typhus and typhoid fever 9.
VENICE - -	139,796	"	9	60	83	31·0	Small-pox 6.
ALEXANDRIA -	212,034	"	7	134	171	42·1	Whooping-cough 14.
NEW YORK -	1,084,528	October	19	–	505	24·2	Diphtheria 18; scarlet fever 12.
BROOKLYN -	549,438	"	19	–	236	22·4	Diphtheria 15.
PHILADELPHIA	876,118	November	2	–	286	17·0	Diphtheria 10; scarlet fever 14.
BALTIMORE -	365,000	"	2	–	115	16·4	Diphtheria 11; typhoid fever 4.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 23rd NOVEMBER, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. High-est.	Low-est.	Range in day.	Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	P.M.	Pressure on square foot. Greatest.	Least.	Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
NOVEMBER.																										
SUN. .	17	Last Quarter	29·384	44·8	39·7	5·1	42·7	38·1	58·3	35·0	42·1	40·3	4·6	5·5	3·7	+ 0·7	84	WNW. NW. & NNW.	NW. & NNW.	5·5	0·0	0·4	347	+ 48	0·10	0·2
MON. .	18	..	29·879	47·8	38·0	9·8	42·9	39·2	79·9	32·9	42·1	40·3	3·7	7·1	2·1	+ 1·0	87	N. & NNE.	NNE. & NE.	6·5	0·0	0·3	389	+ 87	0·02	0·8
TUES.	19	In Equator	30·263	49·0	34·5	14·5	40·8	38·0	78·2	28·8	42·3	40·5	2·8	8·0	0·0	− 1·0	90	NE. & NNE.	NE. NNE. & N.	0·0	0·0	0 0	140	−164	0·00	0·0
WED. .	20	..	30·185	44·1	36·0	8·1	40·6	35·3	50·5	33·9	42·5	40·7	5·3	7·9	1·0	− 1·1	82	N. & NE.	NE.	0·9	0·0	0·0	253	− 52	0·00	1·0
THURS.	21	..	29·942	42·1	38·5	3·6	40·2	35·4	48·3	37·2	42·3	40·5	4·8	7·0	3·2	− 1·5	83	NNE. & NE.	NE. & NNE.	0·6	0·0	0·0	284	− 22	0·00	0·0
FRI. .	22	Perigee.	29·881	42·0	36·8	5·2	39·1	34·0	51·8	34·3	42·1	40·3	5·1	7·7	2·5	− 2·6	82	NE. & NNE.	Variable.	0·0	0·0	0·0	80	−227	0·00	1·0
SAT. .	23	..	29·802	42·9	32·9	10·0	37·8	33·5	76·4	28·5	42·3	40·3	4·3	9·2	1·4	− 3·9	85	WSW. S. & SSE.	SSE. & SE.	0·1	0·0	0·0	142	−166	0·00	1·0
MEANS .		..	29·905	44·7	36·6	8·0	40·6	36·2	63·3	32·9	42·2	40·4	4·4	7·5	2·0	− 1·2	85	NNE.		..	..	..	Sum 1635	Sum −496	Sum 0·12	0·6
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. NOVEMBER.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY .	17	No electricity was shown throughout.	0·0	8·7	Overcast. Showery.
MONDAY .	18		4·5	8·7	Rain fell in the early morning hours; fine and partially cloudy during day.
TUESDAY .	19		4·7	8·6	Partially cloudy and fine till evening; overcast and foggy at night.
WEDNESDAY	20		0·0	8·6	Overcast generally.
THURSDAY .	21		0·0	8·5	Overcast generally.
FRIDAY .	22		0·0	8·5	Overcast generally.
SATURDAY .	23		2·6	8·4	Fine; partially cloudy. Solar halo seen in afternoon.
..		..	Sum 11·8	Sum 60·0	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and − "*lower*," than the average.

The temperature of the water of the Thames s ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Sir E. Y. W. Henderson, R.E., K.C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 29·20 in. at the beginning of the week to 30·30 in. by

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

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United Kingdom.

During last week 5568 *births* and 4197 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality from all causes was at the average rate of 26 deaths annually in every 1000 persons living. The annual death-rate was 20 per 1000 in Edinburgh, 25 in Glasgow, and 31 in Dublin; small-pox caused 5 deaths in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Portsmouth 15, Leicester 18, Newcastle-upon-Tyne 20, Norwich 23, London 24, Plymouth 25, Brighton 25, Nottingham 25, Bradford 25, Birmingham 26, Sunderland 27, Bristol 27, Hull 27, Wolverhampton 28, Leeds 29, Oldham 30, Manchester 34, Salford 34, Liverpool 35, and the highest rate 36 in Sheffield. The annual death-rate from the seven principal zymotic diseases averaged 3·7 per 1000 in the twenty towns; it was 0·0 both in Bristol and Brighton, whereas it ranged upwards in the other towns, to 7·5 and 9·3 in Liverpool and Sunderland. Scarlet fever caused 223 deaths in the twenty towns, against 239 and 201 in the two preceding weeks, and showed the greatest fatality in Sunderland, Liverpool, Oldham, and Birmingham. The deaths referred to fever were proportionally most numerous in Plymouth and Norwich. Two more fatal cases of diphtheria occurred in Norwich. Small-pox caused 8 deaths in London, but not one in any of the nineteen other towns.

London.

In London 2427 births and 1624 deaths were registered. Allowing for increase of population, the births were 5, and the deaths were 126, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two preceding weeks had been equal to 24·3 and 22·6 per 1000, rose again last week to 23·7, against 28·7 the average rate in the nineteen large provincial towns.

The 1624 deaths included 8 from small-pox, 28 from measles, 70 from scarlet fever, 7 from diphtheria, 39 from whooping-cough, 52 from different forms of fever, and 14 from diarrhœa; thus to the seven principal diseases of the zymotic class 218 deaths were referred, against 206 and 160 in the two preceding weeks. These 218 deaths were 66 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 3·2 per 1000. The fatal cases of scarlet fever, which had been 64 and 54 in the two preceding weeks, rose to 70 last week, but were 19 below the corrected average; 10 occurred in Islington, 8 in Shoreditch, and 8 in Lambeth. The Metropolitan Asylum Hospitals contained 173, and the London Fever Hospital 88, scarlet fever patients on Saturday last. The 28 deaths from measles showed a further increase upon the numbers in recent weeks, although they were but half the corrected average; they included 6 in Bethnal Green and 4 in Lambeth. The fatality of whooping-cough was also below the average, but caused 6 deaths in Kensington. The 7 deaths referred to diphtheria were fewer than in any week since the beginning of August last. The 52 fatal cases of fever showed a marked increase upon recent weekly numbers, and exceeded the corrected average by 10; 8 were certified as typhus, 38 as enteric or typhoid, and 6 as simple continued fever. The 8 deaths referred to typhus occurred:—in the Fulham Small-pox Hospital, admitted from the Wandsworth Workhouse Infirmary; in St. George's Hospital, admitted from 42, Dieppe Street, West Kensington; at 9, Vine Court, Spitalfields; at 2, Redcross Court, Southwark; at 6, Elephant Lane, Rotherhithe; and 3 in the Stockwell Fever Hospital, 2 admitted from Chapel Court (Pancras), and one from 15, King Street, Southwark. The deaths referred to enteric fever, which had been 29 and 18 in the two previous weeks, rose to 38 last week, and after dis-

tributing the hospital cases, included 3 in St. Giles, 3 in Strand, 4 in Bethnal Green, 3 in Lambeth, 2 in Camberwell, and 3 in Greenwich. The Metropolitan Asylum Hospitals contained 122, and the London Fever Hospital 19, enteric fever patients on Saturday last; there were also 6 cases of typhus in these hospitals.

The fatal cases of small-pox, which had been 16 and 7 in the two previous weeks, were 8 last week; of these, 2 occurred in the Metropolitan Asylum at Deptford, one in the Highgate Small-pox Hospital, and 5 in private dwelling-houses. Of the 8 deceased small-pox patients, 4 had resided in Newington, 2 in Southwark, one in Pancras, and one in Camberwell. The 5 fatal cases recorded in private dwelling-houses were of an unvaccinated infant aged 10 months at 25, Pepper Street, Southwark; of an unvaccinated child aged 2 years at 22, Camden Street, Newington; of 2 adults aged 40 and 51 years in Eltham Street and Victoria Street, both in Newington, one vaccinated, and the other "not stated" as to vaccination; and of a child aged 5 years (not stated as to vaccination) at 38, Charles Street, Peckham. The Metropolitan Asylum Hospitals contained 160 small-pox patients on Saturday last, against numbers increasing steadily from 91 to 149 in the six preceding weeks; the number of new cases admitted to these hospitals during the week was 39, and exceeded the number in any week since the beginning of August last.

The deaths referred to lung diseases, which had been 431 and 428 in the two previous weeks, rose to 441 last week, but were 38 below the corrected average.

Different forms of violence caused 58 deaths; 54 were the result of negligence or accident, including 27 from fractures and contusions, 4 from burns and scalds, 3 from drowning, 3 from poison, and 15 of infants under one year of age from suffocation. The 27 deaths from fractures and contusions were thus caused:—male aged 16 years, kicked by horse; male 22, run over on Midland Railway; male 37, run over on Great Eastern Railway; male 44, crushed at London Bridge Railway Station; male 37, by fall of arch upon him on Metropolitan Railway; males 20 and 40, and females one and 31, fell down stairs; males 45, 53, and 68, fell from ladders; male 40, fell from scaffold; male 62, fell down cellar; female 56, fell into area; male 36, fell from loophole; male 83, fell into barge; male 41, fell into vat; male 1, fell from bench; male 17, fell from trapeze; male 10, fell on stone steps; female 45, fell upon kerb; male 66, fell in stable; male 55, by fall of brick wall upon him; male 14, crushed by machinery; female 80, by fracture of thigh; and male 51, by fracture of ribs (not stated how). An inquest was held in each of these cases except the last, which was certified by a registered medical practitioner.

Greater London.

In the Greater London 2900 births and 1941 deaths were registered, equal to annual rates of 34·0 and 22·8 per 1000 of the population. In the Outer Ring scarlet fever caused 4 more deaths in Brentford; and two more fatal cases of diphtheria were returned in Croydon.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 36, Bombay 35, Madras 44; Paris 24; Geneva 24; Brussels 26; Amsterdam 23, Rotterdam 31, The Hague 37; Copenhagen 19; Stockholm 14; Christiania 15; St. Petersburgh 33; Berlin 23, Hamburg 28, Dresden 23, Breslau 24, Munich 28; Vienna 27; Buda-Pesth 38; Rome 25, Naples 25, Turin 31, Venice 26; Alexandria 35; New York 22, Brooklyn 20, Philadelphia 16, and Baltimore 17.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·44 in.; the lowest reading was 29·13 in. on Wednesday evening, and the highest 29·84 in. on Saturday morning. The mean temperature of the *air* was 39°·0, and 2°·6 below the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from observations at the Royal Observatory. The mean showed an excess on Sunday and Monday, whereas it was below the average on each of the other days of the week; on Monday the mean was 46°·2, and 4°·6 above the average, whereas on Friday it was only 33°·3, and showed a deficiency of 8°·4. The lowest night temperature was 27°·7 on Friday, and the highest day temperature in the shade 53°·2 on Monday; the extreme range in the week was, therefore, 25°·5. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 64°·2 on Friday. The difference between the mean *dew-point* and *air* temperature averaged 2°·2. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 41°·9. The mean degree of *humidity* of the air was 92, complete saturation being represented by 100. The direction of the *wind* was variable, and the horizontal movement of the air averaged 11·5 miles per hour, which was 1·1 below the average in the corresponding week of 16 years. *Rain* fell on five days of the week, to the aggregate amount of 1·48 inches. The duration of registered bright sunshine in the week was 4·1 hours, the sun being above the horizon during 57·7 hours; the recorded duration of sunshine was, therefore, equal to 7 per cent. of its possible duration. The recorded amount of ozone exceeded that in recent weeks, but was below the average.

ABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, 30th November, 1878.

CITIES AND BOROUGHS. (nicipal Boundaries, ept for LONDON and DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 30th November, 1878. BIRTHS.	DEATHS.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN-FALL. In Inches.	In Centimetres.
3 TOWNS in the TED KINGDOM	220,307	8,373,953	38·0	5568	4197	53·5	24·0	37·2	2·89	0·76	1·93
DON - - -	75,362	3,577,304	47·5	2427	1624	53·2	27·7	39·0	3·89	1·48	3·76
GHTON - -	2,354	103,923	44·1	30	50	52·7	31·0	40·1	4·50	0·89	2·26
TSMOUTH - -	4,486	129,461	28·9	69	37	–	–	–	–	–	–
WICH - - -	7,472	84,620	11·3	55	37	53·0	31·8	41·0	5·00	0·81	2·06
MOUTH - -	1,395	73,599	52·8	41	35	53·5	31·0	41·6	5·34	0·70	1·78
TOL - - -	4,452	206,419	46·4	136	107	49·6	30·0	37·4	3·00	0·62	1·57
VERHAMPTON -	3,396	74,240	21·9	62	40	41·2	26·4	34·3	1·28	0·57	1·45
MINGHAM - -	8,400	383,117	45·6	298	189	–	–	–	–	–	–
ESTER - -	3,200	121,473	38·0	87	42	42·5	31·0	36·4	2·44	0·78	1·98
TINGHAM - -	9,960	165,267	16·6	112	80	42·4	25·2	35·2	1·78	0·71	1·80
RPOOL - -	5,210	532,681	102·2	359	362	43·5	29·8	36·7	2·61	0·26	0·66
CHESTER - -	4,293	360,514	84·0	239	233	–	–	–	–	–	–
FORD - - -	5,170	170,251	32·9	136	110	–	–	–	–	–	–
HAM - - -	4,666	107,366	23·0	89	61	–	–	–	–	–	–
DFORD - -	7,220	185,088	25·6	102	90	41·8	29·6	35·6	2·01	0·49	1·24
DS - - -	21,572	304,948	14·1	223	169	44·0	30·0	37·0	2·78	0·41	1·04
FFIELD - -	19,651	289,537	14·7	177	200	43·0	28·0	35·7	2·06	0·54	1·37
L - - -	3,635	143,139	39·4	108	75	44·0	24·0	35·4	1·89	0·56	1·42
DERLAND - -	2,768	112,459	40·6	107	58	48·0	32·0	39·0	3·89	1·48	3·76
CASTLE-ON-TYNE	5,371	144,570	26·9	78	56	–	–	–	–	–	–
NBURGH - -	4,191	222,371	53·1	127	84	40·3	26·5	35·1	1·73	1·47	3·73
SGOW - - -	6,033	566,940	94·0	374	269	42·0	–	–	–	0·59	1·50
LIN - - -	10,050	314,666	31·3	132	189	45·2	25·7	35·3	1·84	0·58	1·47

For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.
The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the tion of seven and a quarter years' increase, calculated on the rate which prevailed between 1861 and 1871. Nottingham, rd, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the f local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the ber enumerated in April 1871.

BLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday, 30th November, 1878.

OROUGHS, &c. (nicipal Boundaries, cept for LONDON and DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living. From All Causes.	From Seven Zymotic Diseases.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
n 20 TOWNS -	26·2	3·7	3655	849	812	8	44	223	16	93	99	39	114	222	559
DON - - -	23·7	3·2	1624	366	381	8	28	70	7	39	52	14	58	115	320
GHTON - -	25·1	0·0	50	6	24	–	–	–	–	–	–	–	4	3	11
TSMOUTH - -	14·9	0·8	37	10	13	–	–	–	–	1	1	–	–	4	2
WICH - - -	22·8	4·3	37	7	10	–	2	1	2	–	2	–	–	4	4
MOUTH - -	24·8	2·1	35	5	13	–	–	–	–	–	3	–	1	6	1
STOL - - -	27·1	0·0	107	41	27	–	–	–	–	–	–	–	–	3	13
LVERHAMPTON -	28·1	1·4	40	9	16	–	–	2	–	–	–	–	1	2	11
MINGHAM - -	25·7	4·9	189	52	42	–	1	24	–	8	1	2	2	5	17
CESTER - -	18·0	3·0	42	18	9	–	2	1	–	2	–	2	3	5	5
TTINGHAM - -	25·3	3·5	80	23	20	–	–	4	–	3	2	2	5	8	9
ERPOOL - -	35·5	7·5	362	72	56	–	2	43	1	4	23	4	14	14	59
NCHESTER - -	33·7	4·6	233	43	47	–	4	13	1	6	4	4	6	18	42
FORD - - -	33·7	4·6	110	24	12	–	5	4	2	2	2	–	4	8	11
DHAM - - -	29·6	4·4	61	13	11	–	–	7	–	1	1	–	–	2	3
ADFORD - -	25·4	3·9	90	27	13	–	–	7	2	2	2	1	2	4	3
EDS - - -	28·9	4·6	169	44	31	–	–	10	1	13	2	1	6	8	11
EFFIELD - -	36·0	4·9	200	46	37	–	–	13	–	7	1	6	5	8	17
LL - - -	27·3	2·2	75	16	27	–	–	–	–	3	2	1	2	2	12
NDERLAND - -	26·9	9·3	58	13	10	–	–	19	–	–	–	1	–	1	1
WCASTLE-ON-TYNE	20·2	3·2	56	14	13	–	–	5	–	2	1	1	1	2	7
BLIN - - -	31·3	3·2	189	27	53	5	2	5	–	1	2	4	6	5	58

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the FORTY-EIGHTH Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL Births	2152	2141	2178	2211	2303	2222	2391	2072	2421	2636	2272·7	2427
Males . .	1117	1125	1122	1075	1168	1127	1274	1049	1246	1343	1164·6	1235
Females .	1035	1016	1056	1136	1135	1095	1117	1023	1175	1293	1108·1	1192
TOTAL Deaths	1561	1705	1482	1918	1221	1585	2122	1628	1558	1579	1635·9	1624
Males . .	749	850	743	935	608	769	1044	806	792	785	808·1	813
Females .	812	855	739	983	613	816	1078	822	766	794	827·8	811

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.	Nov. 9.	Nov. 16.	Nov. 23.	Nov 30.
TOTAL **Deaths** - - -	1260	1259	1250	1355	1355	1418	1369	1446	1386	1590	1665	1547	1624
0—20 - -	648	629	597	654	677	679	695	720	679	734	771	703	764
20—40 - -	174	193	183	214	188	198	194	196	187	206	216	181	176
40—60 - -	207	211	231	257	230	241	223	251	252	285	282	277	303
60—80 - -	189	187	198	191	216	241	206	234	225	304	326	327	309
at 80 years & upwds.	42	39	41	39	44	59	51	45	43	61	70	59	72
Deaths of children: Under 1 year -	354	331	326	336	380	344	378	355	376	367	369	345	366
Deaths of children: 1—5 - - -	213	214	195	228	208	231	228	263	218	282	282	247	267
Deaths of children: 5—20 - -	81	84	76	90	89	104	89	102	85	85	120	111	131
Deaths from 7 principal Zymotic Diseases	252	211	193	192	190	191	171	173	154	193	206	160	218
" " Smallpox - -	3	7	4	2	4	5	5	4	3	9	16	7	8
" " Measles - -	10	6	2	6	19	13	10	18	15	18	22	18	28
" " Scarlet Fever -	30	27	24	30	34	33	45	46	49	60	64	54	70
" " Diphtheria -	10	13	10	13	20	17	12	12	10	11	13	11	7
" " Whooping-cough	54	37	43	53	40	52	33	33	22	33	43	31	39
" " Typhus fever -	2	5	-	1	2	1	2	-	1	3	6	3	8
" " Enteric (or Typhoid) fever -	18	25	25	20	22	31	24	30	27	31	29	18	38
" " Simple Contd fever	5	2	5	6	4	2	4	-	6	2	2	3	6
" " Diarrhœa - -	120	89	80	61	45	37	36	30	21	26	11	15	14
" " Simple Cholera -	4	1	1	-	-	-	-	-	-	-	1	1	-
" " Dis. of Respiratory Organs -	158	172	215	213	247	286	326	347	353	434	431	428	441
" " Phthisis - -	145	152	161	182	182	159	168	169	172	162	188	165	158
" " Heart Diseases -	72	74	62	81	83	95	68	78	85	98	127	93	120
Violent Deaths - - -	41	43	56	52	30	51	50	63	41	50	47	46	58
Inquest Cases - - -	64	63	85	100	61	109	82	106	80	109	91	99	115
Deaths in Public Institutions	233	246	241	269	213	285	262	268	271	307	314	284	320
TEMPERATURE OF THE AIR:													
Mean - - - -	61·2°	59·1°	54·4°	52·2°	55·8°	56·9°	51·9°	50·3°	41·0°	38·8°	39·8°	40·6°	39·0°
Mean of Highest readings -	72·1	71·0	64·0	61·0	66·1	64·2	58·0	58·2	47·1	44·4	43·3	44·7	43·6
Mean of Lowest readings -	52·8	49·8	47·0	44·0	47·6	51·3	45·5	44·3	35·4	32·9	35·6	36·6	34·6
Mean Temperature of the Water of the Thames -	62·8	61·2	61·4	57·7	57·6	58·6	56·2	54·7	49·1	44·1	41·7	41·3	41·9
Humidity of the Air - -	82	79	79	85	81	78	85	85	89	82	90	85	92
Rain-fall in inches - -	0·00	0·02	0·49	0·19	0·13	0·54	0·00	0·98	0·14	0·10	1·74	0·12	1·48
Registered Sunshine (in hours)	31·2	40·1	34·6	9·6	41·0	31·3	18·0	15·6	11·2	15·5	4·8	11·8	4·1

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-EIGHTH Week of the Year 1878.

CAUSES OF DEATH.	Average in the Forty-eighth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, November 30, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
Mean Temperature -	40°5	39°0							
ALL CAUSES - -	1635·9	1624	366	267	131	176	303	309	72
SPECIFIED CAUSES	1630·6	1622	365	267	131	176	303	308	72
I. ZYMOTIC.									
ORDER 1.									
Small-pox - - -	26·0	8	2	1	1	1	3	-	-
Measles - - -	52·0	28	5	21	2	-	-	-	-
Scarlet Fever - -	83·1	70	2	49	18	1	-	-	-
Diphtheria - -	9·4	7	-	6	1	-	-	-	-
Quinsy - - -	·3	1	-	-	-	1	-	-	-
Croup - - -	14·8	17	2	13	2	-	-	-	-
Whooping-cough -	40·5	39	16	21	2	-	-	-	-
Typhus - - -	39·1 (Enteric or Typhoid Fev.)	8	-	-	2	2	4	-	-
Enteric or Typhoid Fev.		38	1	3	22	9	1	2	-
Simple continued Fev.		6	-	2	2	1	1	-	-
Erysipelas - -	11·9	8	4	-	-	1	1	2	-
Puerperal Fev. (Metria)	8·5	3	-	-	-	3	-	-	-
Carbuncle - -	·9	1	-	-	-	-	-	1	-
Influenza - - -	·8	-	-	-	-	-	-	-	-
Dysentery - -	1·3	3	-	-	-	1	-	2	-
Diarrhœa - - -	15·0	14	8	2	1	-	-	2	1
Simple Cholera - -	·4	-	-	-	-	-	-	-	-
Ague - - - -	·2	-	-	-	-	-	-	-	-
Remittent Fever -	·1	-	-	-	-	-	-	-	-
Rheumatism - -	12·5	9	-	1	1	1	6	-	-
Other *Zymotic* Diseases	·8	-	-	-	-	-	-	-	-
ORDER 2.									
Syphilis - - -	9·6	9	8	1	-	-	-	-	-
Stricture of Urethra -	1·9	-	-	-	-	-	-	-	-
Hydrophobia - -	—	-	-	-	-	-	-	-	-
Glanders - - -	—	-	-	-	-	-	-	-	-
ORDER 3.									
Privation - - -	·5	-	-	-	-	-	-	-	-
Want of Breast-milk	9·4	10	10	-	-	-	-	-	-
Purpura and Scurvy -	1·5	3	-	2	1	-	-	-	-
Alcoholism { *a* Del. Tremens	1·2	1	-	-	-	-	1	-	-
Alcoholism { *b* Intemperance	2·1	3	-	-	-	2	1	-	-
ORDER 4.									
Thrush - - -	2·7	-	-	-	-	-	-	-	-
Worms, &c. - -	·1	-	-	-	-	-	-	-	-
CONSTITUTIONAL.									
ORDER 1.									
Gout - - - -	1·6	2	-	-	-	-	1	1	-
Dropsy - - -	9·4	7	1	-	1	-	3	1	1
Cancer - - -	31·8	41	-	1	-	7	18	15	-
Cancrum Oris (Noma)	·1	-	-	-	-	-	-	-	-
Mortification - -	3·6	4	-	-	-	-	-	2	2
ORDER 2.									
Scrofula - - -	8·8	16	5	6	2	2	-	1	-
Tabes Mesenterica -	18·7	29	16	11	2	-	-	-	-
Phthisis - - -	158·5	158	2	2	24	73	52	5	-
Hydrocephalus - -	25·6	22	7	14	1	-	-	-	-
III. LOCAL.									
ORDER 1.									
Cephalitis - - -	17·1	29	7	15	-	-	6	1	-
Apoplexy - - -	45·0	43	-	2	2	2	11	19	7
Paralysis - - -	33·8	29	-	-	-	2	10	15	2
Insanity - - -	2·3	1	-	-	-	-	-	1	-
Chorea - - -	·1	1	-	-	1	-	-	-	-
Epilepsy - - -	5·7	6	-	-	-	2	2	2	-
Convulsions - -	49·0	48	45	2	-	-	-	1	-
Brain Disease, &c. -	19·3	32	1	2	3	5	6	8	7
ORDER 2.									
Pericarditis - -	3·1	5	1	-	2	1	-	1	-
Aneurism - - -	3·7	4	-	-	-	2	1	1	-
Heart Disease, &c. -	87·3	111	-	-	12	13	44	41	1
ORDER 3.									
Laryngitis - - -	7·9	17	5	6	2	1	1	2	-
Bronchitis - - -	282·9	307	84	43	6	6	52	97	19
Pleurisy - - -	5·0	3	-	-	-	2	-	1	-
Pneumonia - -	115·3	79	24	18	5	7	11	12	2
Asthma - - -	15·0	16	-	-	-	2	7	7	-
Lung Disease, &c. -	21·1	19	3	3	-	5	5	2	1

CAUSES OF DEATH.	Average in the Forty-eighth Weeks of the 10 years 1868-77.*	In the Week ending Saturday, November 30, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
Mean Temperature -	40°5	39°0							
ORDER 4.									
1. Gastritis - - -	1·3	1	-	-	-	-	-	1	-
2. Enteritis - - -	4·6	1	-	-	-	-	1	-	-
3. Peritonitis - - -	4·8	7	-	-	2	-	5	-	-
4. Ascites - - -	2·4	-	-	-	-	-	-	-	-
5. Ulceration of Intestines	2·6	2	-	1	-	-	1	-	-
6. Hernia - - -	3·3	-	-	-	-	-	-	-	-
7. Ileus - - - -	3·8	2	-	-	-	-	1	1	-
8. Intussusception -	·7	-	-	-	-	-	-	-	-
9. Stricture of Intestines	1·2	-	-	-	-	-	-	-	-
10. Fistula - - -	·5	-	-	-	-	-	-	-	-
11. *Stomach Disease, &c.* -	7·0	11	4	-	1	1	3	2	-
12. *Pancreas Disease, &c.*	—	-	-	-	-	-	-	-	-
13. Hepatitis - - -	3·5	2	-	-	-	-	2	-	-
14. Jaundice - - -	4·1	1	-	-	-	1	-	-	-
15. *Liver Disease, &c.* -	16·7	21	1	1	-	1	15	3	-
16. *Spleen Disease, &c.* -	·2	-	-	-	-	-	-	-	-
ORDER 5.									
1. Nephritis - - -	3·6	4	-	1	-	1	2	-	-
2. Ischuria - - -	·3	-	-	-	-	-	-	-	-
3. Bright's Dis. (Nephria)	12·6	9	-	-	1	3	1	4	-
4. Diabetes - - -	2·3	-	-	-	-	-	-	-	-
5. Calculus (Stone) -	·6	2	-	1	-	-	-	-	1
6. Cystitis - - -	1·6	-	-	-	-	-	-	-	-
7. *Kidney Disease, &c.* -	9·3	8	-	1	-	2	3	2	-
ORDER 6.									
1. Ovarian Dropsy -	·4	3	-	-	-	-	2	1	-
2. *Uterus Disease, &c.* -	5·4	4	-	-	-	-	2	2	-
ORDER 7.									
1. Synovitis (Arthritis)	·3	1	-	-	-	-	-	1	-
2. *Joint Disease, &c.* -	6·4	4	-	1	2	-	1	-	-
ORDER 8.									
1. Phlegmon - - -	3·0	2	-	1	-	-	1	-	-
2. Ulcer - - - -	1·5	1	-	-	-	-	-	1	-
3. *Skin Disease, &c.* -	1·5	-	-	-	-	-	-	-	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth -	24·7	28	28	-	-	-	-	-	-
2. Cyanosis - - -	1·2	7	7	-	-	-	-	-	-
3. Spina Bifida - -	1·0	1	1	-	-	-	-	-	-
4. Other Malformations	2·6	2	2	-	-	-	-	-	-
5. Teething - - -	12·9	11	6	5	-	-	-	-	-
ORDER 2.									
1. Paramenia - - -	·1	-	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever) - -	7·3	3	-	-	-	3	-	-	-
ORDER 3.									
1. Old Age - - -	51·2	63	-	-	-	-	-	37	26
ORDER 4.									
1. Atrophy and Debility	57·2	48	39	2	-	-	3	4	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	16·3	27	-	2	4	6	10	3	2
2. Wounds { Gunshot	·3	-	-	-	-	-	-	-	-
2. Wounds { Cut, Stab		-	-	-	-	-	-	-	-
3. Burns and Scalds -	6·4	4	-	4	-	-	-	-	-
4. Poison - - -	·7	3	2	-	1	-	-	-	-
5. Drowning - - -	4·1	3	-	-	2	1	-	-	-
6. Suffocation - -	11·2	15	15	-	-	-	-	-	-
7. Otherwise - - -	2·7	2	1	-	-	1	-	-	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	2·3	-	-	-	-	-	-	-	-
ORDER 4. SUICIDE.)									
1 Wounds { Gunshot -	·1	-	-	-	-	-	-	-	-
1 Wounds { Cut, Stab -	·9	1	-	-	-	-	1	-	-
2. Poison - - -	·9	2	-	-	-	-	1	1	-
3. Drowning - - -	·7	-	-	-	-	-	-	-	-
4. Hanging - - -	1·5	1	-	-	-	1	-	-	-
5. Otherwise - - -	·5	-	-	-	-	-	-	-	-
ORDER 5. (EXECUTION.)									
1. Hanging - - -	—	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - -	1·1	-	-	-	-	-	-	-	-
Causes not specified or ill-defined - -	4·2	2	1	-	-	-	-	1	-

These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered ng 1878.

The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, slaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
LONDON	3,254,260	2427	1624	366	381	8	28	70	7	39	8	38	6	14	58	115	320
WEST DISTRICTS	561,359	369	263	65	67	-	1	9	2	12	2	1	-	3	14	24	50
NORTH DISTRICTS	751,729	534	375	80	89	1	6	22	2	6	-	7	-	5	9	25	78
CENTRAL DISTRICTS	334,369	186	142	25	32	-	1	3	1	1	-	8	-	1	6	14	34
EAST DISTRICTS	639,111	536	331	74	69	-	9	16	-	8	1	9	1	2	13	26	73
SOUTH DISTRICTS	967,692	802	513	122	124	7	11	20	2	12	5	13	5	3	16	26	85
WEST DISTRICTS.																	
St. Mary Paddington *WH* G.J. & W.M.	58728	59	25	6	2	-	-	-	1	1	-	1	-	-	-	2	1
St. John Paddington *H* - - G.J.	38085	19	12	-	3	-	-	-	-	-	-	-	-	-	1	2	8
Kensington Town *W* - - W.M.	91645	64	53	20	14	-	-	2	1	6	-	-	-	1	3	4	6
Brompton *H* - - - W.M. & C.	28654	11	13	3	6	-	-	-	-	-	-	-	-	-	1	1	1
St. Peter Hammersmith - - W.M.	6662	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith *H* W.M. & G.J.	36029	35	17	4	4	-	-	1	-	2	-	-	-	1	1	1	2
Fulham *WwH* - - - W.M. & C.	23350	21	20	4	4	-	-	3	-	-	1	-	-	-	-	-	6
Chelsea South *HHH* - - - C.	26420	29	14	5	4	-	-	-	-	1	-	-	-	-	-	1	1
Chelsea North-west *WHHHH* - C.	22926	12	15	2	7	-	1	-	-	-	-	-	-	-	-	1	5
Chelsea North-east - - - C.	21392	5	13	5	4	-	-	-	-	-	-	-	-	-	-	2	-
Hanover Square *H* - - - G.J.	18698	7	5	-	1	-	-	-	-	-	-	-	-	-	1	-	-
May Fair *WW* - - - - G.J.	13358	9	10	1	3	-	-	-	-	-	-	-	-	1	-	1	7
Belgrave *HH* - - - - C.	57972	32	25	4	9	-	-	1	-	1	1	-	-	-	2	2	6
St. John Westminster *HH* - - C.	38478	33	13	6	1	-	-	-	-	-	-	-	-	-	1	1	-
St. Margaret Westminster *WH* - C.	27781	10	11	4	2	-	-	-	-	1	-	-	-	-	2	4	4
Golden Square *WH* - - - G.J.	12860	5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Berwick-street *H* - N.R. & G.J.	20759	6	6	1	2	-	-	-	-	-	-	-	-	-	2	2	1
St. Anne Soho *HHHHH* - - N.R.	17562	6	6	-	1	-	-	2	-	-	-	-	-	-	-	-	-
NORTH DISTRICTS.																	
All Souls Marylebone *HHHH* - W.M.	28579	21	22	1	4	-	-	-	-	-	-	-	-	-	2	2	9
Cavendish Square *HH* - - - W.M.	15425	6	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone *WH* G.J. & W.M.	26384	21	22	2	6	-	-	-	-	-	-	-	-	-	1	3	17
St. Mary Maryleb. *HHH* G.J. & W.M.	21786	19	5	2	-	-	-	-	-	-	-	1	-	-	-	-	-
Christchurch Marylebone *H* - W.M.	33944	16	18	2	6	-	1	2	-	1	-	-	-	-	-	1	-
St. John Marylebone *H* - - W.M.	33136	12	12	2	5	-	-	1	-	-	-	-	-	1	-	3	-
Hampstead *WwHH* - N.R. & W.M.	32281	20	13	2	2	-	2	-	-	-	-	-	-	-	-	1	4
Regent's Park Pancras - - - W.M.	38200	22	3	1	-	-	-	-	-	-	-	1	-	-	-	-	-
Tottenham-court *wHHH* N.R. & W.M.	29370	26	21	3	4	-	-	2	-	-	-	-	-	1	-	1	10
Gray's Inn Lane *HHH* - - N.R.	29221	14	18	1	6	-	-	-	-	2	-	-	-	-	-	-	2
Somers Town - - - - N.R.	38533	18	13	1	3	-	-	-	-	-	-	-	-	-	-	2	-
Camden Town *WH* - - - N.R.	17943	19	15	5	8	-	-	1	-	-	-	-	-	-	1	1	7
Kentish Town *w* - - - - N.R.	68198	47	32	4	8	-	-	1	-	1	-	1	-	-	1	2	5
Islington West *HHH* - - N.R.	97820	73	39	12	8	1	1	6	-	-	-	-	-	1	-	1	6
Islington East *WWwwH* - - N.R.	115958	88	50	17	10	-	-	4	1	-	-	-	-	1	1	2	6
Stoke Newington *H* - - - N.R.	9841	18	12	2	6	-	1	-	-	-	-	-	-	-	-	-	-
Stamford Hill - - - - E.L.	6598	5	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney - - - - N.R.	28069	23	15	3	2	-	-	-	1	1	-	-	-	-	-	1	-
Hackney *WwwHL* - - E.L. & N.R.	50104	41	40	8	9	-	-	4	-	1	-	4	-	-	1	3	12
South Hackney - - - - E.L.	30339	25	19	10	1	-	1	1	-	-	-	-	-	1	2	2	-
CENTRAL DISTRICTS.																	
St. George Bloomsbury - - N.R.	17853	8	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Giles South *WH* - - - N.R.	19109	9	12	1	2	-	-	1	-	-	-	2	-	-	1	2	3
St. Giles North - - - - N.R.	16594	10	5	1	2	-	-	-	-	-	-	1	-	-	-	-	-
St. Martins-in-the-Fields* - N.R. & C.	21238	10	13	-	5	-	-	-	1	-	-	1	-	-	2	3	4
St. Mary-le-Strand - - - N.R.	9378	7	3	-	-	-	-	-	-	-	-	1	-	-	-	-	-
St. Clement Danes *H* - - - N.R.	10723	4	9	1	1	-	-	-	-	-	-	1	-	-	2	2	7
St. George-the-Martyr *HHHHH* N.R.	20521	10	6	1	1	-	-	1	-	-	-	-	-	-	-	-	1
St. Andrew Eastern *W* - - N.R.	13529	6	7	-	3	-	-	-	-	-	-	-	-	-	-	-	6
Saffron Hill *H* - - - - N.R.	9066	7	7	1	3	-	-	-	-	-	-	-	-	-	-	1	-
St. James Clerkenwell *W* - - N.R.	18917	21	14	5	2	-	-	-	-	-	-	1	-	-	-	1	4
Amwell Clerkenwell - - - N.R.	16884	11	6	1	-	-	1	-	-	1	-	-	-	-	-	1	-
Pentonville - - - - - N.R.	13337	10	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goswell-street - - - - N.R.	16242	17	8	-	2	-	-	-	-	-	-	1	-	-	-	-	-
Old-street *H* - - - - N.R.	12161	4	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
City-road *HHL* - - - - N.R.	18301	12	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Whitecross-street - - - - N.R.	13792	7	3	2	-	-	-	-	-	-	-	-	-	-	-	1	-
Finsbury - - - - - N.R.	10741	5	8	2	4	-	-	-	-	-	-	-	-	-	1	1	-
St. Botolph *H* - - - N.R. & E.L.	14540	7	6	1	3	-	-	-	-	-	-	-	-	-	-	1	-
Cripplegate - - - - - N.R.	13638	4	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre *H* - - - - N.R.	7562	3	9	-	-	-	-	1	-	-	-	-	-	-	-	-	9
St. Bride *W* - - - - - N.R.	11185	8	3	2	-	-	-	-	-	-	-	-	-	1	-	1	-
Castle Baynard - - - - N.R.	4426	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch - - - - N.R.	6270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe - - - - - N.R.	4753	2	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking - - - N.R.	5764	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street *H* - - - - N.R.	7845	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* On 1st August the sub-districts of Long Acre and Charing Cross were united for registration purposes under the name of St. Martins-in-the-Fields sub-district.

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifies Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East London; and K. the Kent Company.

r, Diphtheria, Whooping-cough, Fever, Diarrhœa, Violence, &c., registered in each Sub-district day, 30th November 1878.

Registration Sub-districts.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The Deaths registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
East Districts.																	
vell Shoreditch - N R. & E.L.	12430	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
onard Shoreditch *HL*† - N.R.	16545	11	11	1	3	-	1	-	-	-	-	1	-	-	-	-	-
n New Town *w* - - N.R.	27835	23	18	4	9	-	-	1	-	-	-	-	-	-	-	-	6
n Old Town - - N.R.	26933	18	8	3	3	-	1	1	-	-	-	-	-	-	-	-	-
rston *WH* - - N.R. & E.L.	43421	34	19	4	5	-	-	6	-	-	-	-	-	-	1	1	4
ney-road *H* - - - - E.L.	29822	19	11	5	2	-	2	-	-	-	-	1	-	-	-	1	-
, Bethnal Green *WHL*† - E.L.	42433	39	32	6	4	-	1	1	-	-	-	1	-	-	1	4	9
h, Bethnal Green - - E.L.	26577	27	11	2	1	-	3	1	-	-	-	-	-	-	-	1	-
, Bethnal Green - - - E.L.	21272	10	7	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Fields *H* - - E.L. & N.R.	22499	13	11	4	-	-	1	-	-	-	1	-	-	-	-	1	1
End New Town *W* - E L.	15550	12	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-
chapel North - E.L. & N.R.	11597	9	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-
chapel Church *H* - - E.L.	7322	7	19	2	3	-	-	-	-	-	-	1	-	-	4	5	15
nan's Fields - - - E.L.	10331	4	4	1	-	-	-	-	-	1	-	-	-	-	1	2	-
te - - - - N.R. & E.L.	9224	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ary St. George East - - E.L.	17900	21	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-
ul St. George East - - E.L.	21350	18	5	2	1	-	-	1	-	1	-	-	-	-	-	-	-
hn St. George East *W* - E.L.	8802	5	10	2	4	-	-	-	-	-	-	-	-	-	-	-	9
vell *H* - - - E.L. & N.R.	11640	14	9	4	1	-	-	-	-	-	-	-	1	-	-	-	2
ff - - - - - - E.L.	16131	14	4	-	-	-	-	-	-	-	-	1	-	-	-	1	-
house - - - - - - E.L.	29919	16	16	4	4	-	-	2	-	2	-	-	-	-	1	1	-
End Old Town West - - E.L.	38128	26	10	1	3	-	-	2	-	1	-	-	-	-	-	-	-
End Old Town East *WwwH* - E.L.	55024	68	27	2	8	-	-	-	-	-	-	2	-	1	-	-	5
wwwH - - - - - E.L.	67765	76	59	14	14	-	-	-	-	-	-	-	-	1	3	5	21
WW - - - - - E.L.	48611	42	30	9	2	-	-	1	-	3	-	2	-	-	2	4	1
South Districts.																	
church Southwark *WH* L. & S.	14573	11	4	-	1	-	-	-	-	-	-	-	-	-	-	-	1
viour Southwark *H* - - S.	15677	13	8	2	1	1	-	-	-	-	-	-	-	-	-	1	-
road - - - S. & L.	20421	16	9	4	1	-	-	-	-	-	-	1	-	-	1	1	-
gh-road *WH* - - S. & L.	16695	10	7	2	2	-	-	-	-	-	1	-	-	-	-	-	1
n-road *HL* - - L. & S.	18961	12	9	1	3	-	-	-	-	2	-	-	-	-	-	-	2
y Newington - - S. & L.	23682	16	13	4	3	-	1	-	-	-	-	-	1	-	-	1	-
ter Walworth *W* - S. & L.	48248	49	32	8	7	3	1	-	-	-	-	-	-	-	-	-	15
ary Newington - - L. & S.	16792	15	10	3	3	-	-	-	-	-	-	-	-	-	-	-	-
ave Southwark *H* - - S.	4373	2	11	1	-	-	-	1	-	-	-	1	-	-	4	5	9
hn Horsleydown *W* - - S.	10500	7	5	-	3	-	-	-	-	-	-	-	-	1	-	-	1
er Market - - S. & L.	16787	12	5	2	-	-	-	-	-	1	-	-	-	-	-	-	-
ary Magdalen *W* - - S.	15709	14	11	4	4	-	2	1	-	-	-	-	-	-	-	-	3
mes Bermondsey - - S.	47933	43	21	6	4	-	1	2	-	-	-	-	-	-	-	-	-
rhithe *W* - - - S. & K.	27096	20	20	4	4	-	-	-	-	-	1	-	-	1	2	2	4
loo-road 1st *H* - - L. & S.	14074	6	5	-	3	-	1	-	-	-	-	-	-	-	1	1	-
loo-road 2nd *H* - - L. & S.	18465	12	7	2	2	-	-	-	-	-	-	-	-	-	-	-	-
eth Church 1st *H* - L. & S.	19492	9	11	1	1	-	2	1	-	-	-	-	-	-	1	2	3
eth Church 2nd *WW* - L. & S.	35833	35	29	5	10	-	1	-	1	1	-	1	1	-	-	-	10
ngton 1st - - - S. & L.	41286	20	14	5	4	-	-	5	-	1	-	-	-	-	1	1	-
ngton 2nd - - - S. & L.	31221	21	15	5	5	-	-	-	-	-	-	-	-	-	-	-	-
on *w* - - - - L. & S.	35435	49	24	1	4	-	-	4	-	-	3	4	1	-	-	-	9
ood *W* - - - - L.	12536	10	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-
am *H* - - - - - S.	27347	19	18	1	7	-	-	2	1	2	-	-	-	-	-	-	-
rsea *Ww* - - - - S.	54016	63	38	11	7	-	-	1	-	-	-	1	-	-	1	2	5
sworth *HL* - - - S.	19783	15	8	2	3	-	-	-	-	-	-	1	-	-	-	-	-
y - - - - - - S.	9439	7	4	1	1	-	-	-	-	1	-	-	-	-	-	-	-
ham - - - - - L.	14475	17	8	1	2	-	1	-	-	-	-	-	-	-	-	2	-
ch - - - - L. & S.	4041	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
erwell *WL*†*L*† - - S. & L.	31254	30	25	7	6	-	-	-	-	1	-	1	-	-	-	1	10
am *W* - - - S., L., & K.	42160	47	27	9	6	1	1	2	-	-	-	-	-	-	1	2	-
orge Camberwell - - L. & S.	33851	40	21	11	3	-	-	-	-	-	-	1	1	-	-	-	-
ul Deptford *w* - - - K.	53714	44	23	5	4	2	-	1	-	-	-	-	1	-	-	-	2
cholas Deptford - - - K.	6474	7	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-
wich West - - - - K.	21034	12	7	1	2	-	-	-	-	2	-	2	-	-	1	1	-
wich East *WH* - - - K.	19378	13	10	-	6	-	-	-	-	-	-	-	-	-	1	1	8
n *H* - - - - - K.	4539	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
- - - - - - K.	16440	11	7	1	1	-	-	-	-	-	-	-	-	-	-	-	-
nam Village *WH* - - K.	11513	10	6	1	1	-	-	-	-	-	-	-	-	-	-	-	1
nam *H* - - - - L.	19065	-	9	1	2	-	-	-	-	1	-	-	-	-	1	2	-
on *H* - - - - - K.	9564	4	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
rich Dockyard - - - K.	17226	12	6	1	2	-	-	-	-	-	-	-	-	-	-	-	-
rich Arsenal *WHH* - - K.	18331	14	8	2	-	-	-	-	-	-	-	-	-	-	1	1	1
tead, West - - - - K.	13027	11	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
tead, East *W* - - - K.	15232	4	5	4	-	-	-	-	-	-	-	-	-	1	-	-	-

following Workhouse Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by *w*:—

tral London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
don City Workhouse in Islington East sub-district.
born Infirmary " " "
don City Workhouse " Hackney sub-district.
born " " Hoxton New Town sub-district.
itechapel " " Mile End Old Town Eastern sub-dist.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 30th November 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
	LONDON—OUTER RING	368,414	631,381	473	317	76	80	–	3	12	5	7	2	6	8	14
29 : 1	Carshalton *wL* - - -	12228	13523	12	13	3	3	–	–	–	–	–	–	–	–	–
2	Epsom (*part of*) * *WH* -	9971	9145	11	6	3	1	–	–	–	–	–	–	–	1	1
36 : 1	Godstone (*part of*) * - -	2754	900	1	–	–	–	–	–	–	–	–	–	–	–	–
37 : 1	Croydon *WWH* - - -	20851	71319	34	33	8	8	–	–	–	2	2	–	–	–	1
2	Mitcham *WH* - - -	11697	12534	10	8	1	5	–	–	–	–	–	–	1	–	–
38 : 1	Wimbledon *HH* - -	3220	9087	6	3	1	1	–	–	–	–	–	–	–	1	1
2	Kingston *WH* - - -	8549	27489	18	7	2	3	–	–	–	–	–	–	–	–	–
3	Esher (*part of*) * - -	6601	7353	2	–	–	–	–	–	–	–	–	–	–	–	–
4	Hampton - - - -	4573	10185	11	3	1	1	–	–	–	–	–	–	–	–	–
39 : 1	Richmond *WH* - - -	2271	16829	10	11	3	3	–	–	1	–	–	–	–	–	–
2	Mortlake - - - -	2961	9816	4	2	–	2	–	–	–	–	–	–	–	–	–
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	12	4	1	1	–	–	–	–	1	–	–	–	–
2	Chislehurst (*part of*)* *W* -	13665	10028	4	3	1	1	–	–	–	–	–	–	–	–	–
41 : 1	Bexley *H* - - - -	13439	19566	8	10	3	2	–	–	2	–	–	–	–	–	–
123 : 1	Sunbury *W* - - -	11055	9860	5	2	–	–	–	–	–	–	–	–	1	–	–
2	Staines *W* - - - -	13277	10339	9	10	1	8	–	–	–	–	–	–	–	–	–
124 : 1	Hillingdon *WH* - - -	6029	9712	13	8	2	4	–	–	–	–	–	–	–	–	–
2	Uxbridge - - - -	6178	5329	1	1	–	1	–	–	–	–	–	–	–	–	–
3	Hayes *WL* - - - -	14587	10497	10	9	2	3	–	–	–	–	–	–	–	–	–
125 : 1	Isleworth *W* - - -	7008	19930	12	7	1	1	–	–	2	–	–	–	–	–	–
2	Twickenham - - -	2477	10533	9	5	1	–	–	–	–	–	–	–	–	–	–
3	Brentford *HL* - - -	4370	20279	20	20	5	1	–	–	4	–	–	–	–	1	4
4	Chiswick - - - -	1311	8508	6	1	1	–	–	–	–	–	–	–	–	–	–
5	Acton *WH* - - - -	6087	12683	14	7	2	2	–	–	–	–	–	–	–	–	–
126 : 1	Harrow *H* - - - -	13809	10869	5	5	2	1	–	–	–	–	–	–	–	–	–
2	Edgware *H* - - -	6994	3450	1	–	–	–	–	–	–	–	–	–	–	–	–
3	Willesden - - - -	4383	15869	13	8	2	3	–	–	–	–	–	–	–	–	–
4	Hendon *WH* - - -	8382	6972	2	4	1	1	–	–	–	–	–	–	1	–	–
127 : 1	South Mimms - - -	15419	5924	4	2	1	–	–	–	–	–	1	–	–	1	1
2	Barnet *W* - - - -	5423	7752	6	2	2	–	–	–	–	–	–	–	–	–	–
3	Finchley *L* - - - -	4688	11493	5	11	3	1	–	–	1	1	–	–	–	–	–
128 : 1	Hornsey *H* - - - -	3039	19357	10	12	–	1	–	–	–	–	1	–	–	–	–
2	Tottenham *H* - - -	4642	22869	17	10	1	3	–	–	1	–	–	–	–	1	1
3	Edmonton *WW* - - -	7483	13860	16	14	3	5	–	2	–	–	–	1	–	1	1
4	Enfield *WH* - - -	12653	16054	11	5	1	2	–	–	–	1	–	–	–	–	–
5	Waltham Abbey - - -	11017	5197	1	4	–	2	–	–	–	–	–	–	–	–	–
6	Cheshunt - - - -	8493	7518	4	3	2	–	–	–	–	–	–	–	2	–	–
134 : 1	Hatfield (*part of*) * - -	3180	559	–	–	–	–	–	–	–	–	–	–	–	–	–
136 : 1	Bushey - - - -	9028	6472	–	3	–	2	–	–	–	–	–	–	–	–	–
185 : 1	Stratford - - - -	882	23286	26	12	3	–	–	–	1	–	1	–	–	2	2
2	West Ham *WWWW* - -	7345	44642	59	27	9	3	–	1	–	–	1	–	1	–	1
3	Leyton *WW* - - -	4274	15513	18	5	1	1	–	–	–	–	–	1	–	–	1
4	Walthamstow *H* - -	6619	15701	15	8	–	2	–	–	–	1	–	–	–	–	–
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	3	3	2	1	–	–	–	–	–	–	–	–	–
188 : 1	Romford (*part of*) * - -	6730	2879	3	1	–	1	–	–	–	–	–	–	–	–	–
2	Ilford - - - - -	8492	5947	2	3	1	–	–	–	–	–	–	–	–	–	–
3	Barking Town - - -	4128	6576	10	2	–	–	–	–	–	–	–	–	–	–	–

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Gods sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 9 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoydon- (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 30th November, 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	
ATER LONDON	446,494	4,450,015	22·8	3·0	1941	442	461	8	31	82	12	46	54	20	66	354
NNER LONDON -	78,080	3,577,304	23·7	3·2	1624	366	381	8	28	70	7	39	52	14	58	320
UTER RING -	368,414	872,711	19·0	2·1	317	76	80	–	3	12	5	7	2	6	8	34

E.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal 647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area 414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, ch 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than es to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,758,933 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	October 26	–	299	36·3	Small-pox 4; cholera 7.
BOMBAY - -	644,405	„ 29	–	547	34·8	Fevers 159.
MADRAS - -	397,552	„ 18	311	336	43·9	Fevers 85; dysentery 62.
PARIS - -	1,988,806	November 28	–	907	23·7	Small-pox 5; typhoid fever 12.
GENEVA - -	68,792	„ 23	41	31	23·5	—
BRUSSELS - -	175,782	„ 16	106	86	25·5	Whooping-cough 3.
AMSTERDAM -	302,266	„ 23	228	135	23·2	Whooping-cough 4.
ROTTERDAM -	142,585	„ 23	102	84	30·6	Scarlet fever 2.
THE HAGUE -	107,896	„ 23	93	76	36·5	Measles 7.
COPENHAGEN -	220,000	„ 26	147	78	18·5	Typhoid fever 2.
STOCKHOLM -	152,825	„ 16	–	42	13·7	—
CHRISTIANIA -	105,000	„ 23	84	31	15·1	—
ST. PETERSBURGH	669,741	„ 16	–	419	32·5	Small-pox 33; typhus & typhoid fevers 24.
BERLIN - -	1,019,620	„ 9	856	462	23·1	Diphtheria 34; scarlet fever 22.
HAMBURG (State)	406,104	„ 16	310	219	28·1	Scarlet fever 8.
DRESDEN - -	207,845	„ 16	138	91	22·5	Measles 6.
BRESLAU - -	267,000	„ 23	204	125	24·3	Scarlet fever 3.
MUNICH - -	222,000	„ 23	170	119	28·0	Diphtheria and croup 6.
VIENNA - -	727,271	„ 23	539	383	27·4	Small-pox 11; diphtheria 14.
BUDA-PESTH -	319,530	„ 16	204	235	38·2	Small-pox 7; typhus fever 8.
ROME - -	282,214	October 26	154	133	24·6	Diphtheria and croup 5.
NAPLES - -	457,407	„ 21	–	219	25·0	Typhus and typhoid fevers 8.
TURIN - -	227,843	November 16	123	135	30·9	Typhus and typhoid fevers 4.
VENICE - -	139,796	„ 16	71	70	26·1	Small-pox 3; typhoid fever 3.
ALEXANDRIA -	212,034	„ 14	160	143	35·2	Whooping-cough 8.
NEW YORK -	1,084,528	October 26	–	448	21·5	Diphtheria 18; scarlet fever 11.
BROOKLYN -	549,438	„ 26	–	207	19·6	Diphtheria 16; scarlet fever 8.
PHILADELPHIA -	876,118	November 9	–	275	16·4	Diphtheria 10; typhoid fever 9.
BALTIMORE -	355,000	„ 9	–	118	16·8	Diphtheria 6; typhoid fever 5.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 30th NOVEMBER, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.	Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Difference. Greatest.	Difference. Least.	Difference. Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. Osler's. General Direction. P.M.	Wind. Osler's. Pressure on square foot. Greatest.	Wind. Osler's. Pressure on square foot. Least.	Wind. Osler's. Pressure on square foot. Mean of 24 Obs.	Wind. Robinson's. Amount of Horizontal Movement of Air each day.	Wind. Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
NOVEMBER.		in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN. . 24	New	29·330	51·9	34·6	17·3	42·8	42·4	51·9	34·5	42·3	40·3	0·4	2·2	0·0	+ 1·2	99	ENE. E. & SE.	SSE. SSW. & S.	1·4	0·0	0·1	241	— 66	0·13	1·5
MON. . 25	Greatest Dec. S.	29·217	53·2	40·2	13·0	46·2	43·0	62·3	39·5	42·3	40·3	3·2	5·0	1·7	+ 4·6	88	S. SSW. & SW.	W. WNW. & NNE.	1·3	0·0	0·2	297	— 8	0·01	4·5
TUES. . 26	..	29·310	40·7	38·5	2·2	39·6	37·8	46·1	38·6	44·1	41·5	1·8	2·3	0·9	— 2·0	94	NNE. & NE.	NNE.	0·0	0·0	0·0	157	—145	0·18	0·0
WED. . 27	..	29·190	41·0	34·7	6·3	37·7	37·2	41·0	33·9	43·7	41·5	0·5	1·3	0·0	— 3·9	98	NNE. & N.	NNW. & N.	2·7	0·0	0·1	291	— 9	0·69	2·0
THURS. 28	..	29·448	42·0	37·4	4·6	39·9	37·4	44·7	37·0	43·3	41·5	2·5	4·4	1·6	— 1·7	91	N. & NNE.	NNE.	5·5	0·1	1·6	578	+278	0·47	9·0
FRI. . 29	..	29·758	39·2	27·7	11·5	33·3	29·2	64·2	25·1	42·8	41·3	4·1	7·6	0·0	— 8·4	85	N.	N. NNW. & SW.	2·6	0·0	0·3	281	— 22	0·00	0·0
SAT. . 30	..	29·817	37·4	29·0	8·4	33·8	31·0	45·5	26·5	42·1	40·1	2·8	4·8	0·0	— 7·9	90	WSW. E. & SE.	E. SE. & S.	0·0	0·0	0·0	94	—216	0·00	0·0
MEANS .	..	29·439	43·6	34·6	9·0	39·0	36·9	50·8	33·6	42·9	40·9	2·2	3·9	0·6	— 2·6	92	Variable.		..	..	..	Sum 1939	Sum —188	Sum 1·48	2·4
No. of Col.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. NOVEMBER.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY .	24	No electricity was shown throughout the week.	0·0	8·4	Overcast. Showery.
MONDAY .	25		0·2	8·3	Cloudy. Showery in early morning.
TUESDAY .	26		0·0	8·3	Overcast. Frequent rain.
WEDNESDAY	27		0·0	8·2	Overcast. Heavy rain.
THURSDAY .	28		0·0	8·2	Overcast. Frequent rain.
FRIDAY .	29		3·9	8·2	A fine day. The amount of cloud was small. Hoar frost and fog at night.
SATURDAY .	30		0·0	8·1	Hoar frost in morning. Generally cloudy throughout. Foggy.
..		..	Sum 4·1	Sum 57·7	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and — "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Sir E. Y. W. Henderson, R.E., K.C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29·74 in. at the beginning of the week to 29·17 in. by 9h. A.M.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
9th December, 1878.

United Kingdom.

During last week 5878 *births* and 4649 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality from all causes was at the average rate of 29 deaths annually in every 1000 persons living. The annual death-rate was 22 per 1000 in Edinburgh, 26 in Glasgow, and 37 in Dublin; small-pox caused 13 deaths in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Nottingham 21, Brighton 22, Portsmouth 23, Norwich 24, Leicester 24, Hull 26, Oldham 26, Bradford 26, Newcastle-upon-Tyne 26, Sunderland 26, Bristol 28, Leeds 28, Salford 28, London 29, Manchester 30, Birmingham 31, Sheffield 33, Liverpool 33, Plymouth 35, and the highest rate 35 in Wolverhampton. The annual death-rate from the seven principal zymotic diseases averaged 3·3 per 1000 in the twenty towns, and ranged from 0·4 and 1·3 in Hull and Leicester, to 7·0 and 8·4 in Sunderland and Birmingham. The deaths from scarlet fever in the twenty towns, which had been 239, 201, and 223 in the three preceding weeks, declined to 197 last week; the greatest fatality occurred in Sunderland, Birmingham, and Liverpool. Diphtheria caused 2 more deaths in Plymouth. Four fatal cases of small-pox occurred in London, but not one in any of the nineteen provincial towns.

London.

In London 2576 births and 2016 deaths were registered. The deaths included 389, which resulted from the sinking of the "Princess Alice" in the Thames on the 3rd of September last; the remaining 139 of the 528 deaths, which were the subject of the recent inquest held by the coroner for Kent, will be registered in the current week. Allowing for increase of population, the births exceeded by 162, while the deaths, exclusive of the 389 deaths from drowning above referred to, were 138 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 22·6 and 23·7 per 1000, further rose last week to 29·4; the death-rate last week, however, excluding the 389 deaths from drowning, did not exceed 23·7 per 1000.

The 2016 deaths included 4 from small-pox, 28 from measles, 62 from scarlet fever, 9 from diphtheria, 42 from whooping-cough, 29 from different forms of fever, and 9 from diarrhœa; thus to the seven principal diseases of the zymotic class 183 deaths were referred, against 160 and 218 in the two preceding weeks. These 183 deaths were equal to an annual rate of 2·7 per 1000. The fatal cases of scarlet fever, which had been 54 and 70 in the two preceding weeks, were 62 last week, and were 22 below the corrected weekly average; 6 occurred in Fulham and Hammersmith, 5 in Hackney, 6 in Shoreditch, 7 in Lambeth, and 5 in Camberwell. The Metropolitan Asylum Hospitals contained 175, and the London Fever Hospital 86, scarlet fever patients on Saturday last. The 28 deaths from measles corresponded with the number in the previous week, and were but half the corrected average, although they included 7 in Bethnal Green, and 4 in Newington. The fatal cases of whooping-cough were also below the average; 7 occurred in Kensington, and 8 in Poplar. The 9 deaths referred to diphtheria included 2 in Westminster, 3 in the City (including 2 in St. Bartholomew's Hospital), and 2 in Camberwell. The fatal cases of fever, which had been 24 and 52 in the two previous weeks, declined again last week to 29, and were 13 below the average; 2 were certified as typhus, 22 as enteric or typhoid, and 5 as simple continued fever. The 2 fatal cases of typhus occurred at 29, Hilmer Street, Fulham, and were of the children of a decorator, aged respectively 2 and 4 years. The 22 deaths from enteric fever included 2 in Paddington, 2 in Lambeth, and 3 in Deptford. The Metropolitan Asylum Hospitals contained 112, and the London

Fever Hospital 18, enteric fever patients on Saturday last; there were then but 7 cases of typhus in these hospitals.

The deaths from small-pox, which had been 16, 7, and 8 in the three previous weeks, declined to 4 last week; of these, one occurred in the Metropolitan Asylum at Fulham, and 3 in private dwelling-houses. The fatal hospital case had been admitted from 24, Waterford Road, Fulham; while the 3 in private dwelling-houses occurred at:—83, Asylum Road, Peckham; 21, Frederick Street, Deptford; and at 5, Queen Street, Deptford. All the 3 cases occurring in private practice (including two of children, aged 3 and 8 years) were "not stated" as to vaccination; the hospital case was of an adult, aged 23 years, bearing "traces" of vaccination marks. The number of small-pox patients in the Metropolitan Asylum Hospitals, which had steadily increased in the seven preceding weeks from 91 to 160, further rose to 196 on Saturday last; the new cases admitted to these Hospitals last week were 61, against 30 and 39 in the two previous weeks, and exceeded the number in any week since the end of July last. The Highgate Small-pox Hospital contained 4 patients on Saturday last.

The deaths referred to diseases of the respiratory organs, which had been 428 and 441 in the two previous weeks, further rose to 460 last week, but were somewhat below the average; 299 resulted from bronchitis and 101 from pneumonia.

Different forms of violence caused 436 deaths; 430 were the result of negligence or accident, including 20 from fractures and contusions, 3 from burns and scalds, 393 from drowning (including 389 caused by the collision between the "Bywell Castle" and the "Princess Alice"), and 11 of infants under one year of age from suffocation. The 20 deaths from fractures and contusions were thus caused:—male aged 68, run over by chaise; male 15, dragged along road by horse; male 67, fell from railway carriage (railway not stated); male 27, crushed on London, Chatham, and Dover Railway; male 55, injured on District Railway; male 18, run over by truck at Victoria Docks; females 61 and 83, fell down stairs; male 44, fell from scaffold; male 19, fell from house; male 15, fell into ship's hold; male 7, fell from bar (4 feet); female 78, fell in bed-room; male 54, fell in street (fit); male 38, fell backwards; male 45, fell (intoxicated); male 50, fall of "shear-legs" upon him; male 33, crushed between barges; male 61, struck against box; and female 75, fractured ribs (how, not stated). An inquest was held in each of these cases except the last, which was certified by a registered medical practitioner.

The death of a child, aged 5 years, at 28, Leigh Road, Islington, on 1st December, was referred to "hydrophobia 5 days, exhaustion"; the child was bitten by a dog on 25th July 1877.

Greater London.

In Greater London 3181 births and 2351 deaths were registered, equal to annual rates of 37·3 and 27·6 per 1000 of the population. In the Outer Ring, a fatal case of small-pox occurred in Hemsworth Street, West Ham, in which this disease was so fatal last year. Two more deaths from scarlet fever occurred in Brentford, and another fatal case of diphtheria, both in Croydon and Chislehurst.

Dr. Frankland reports, as the result of his analyses of the waters supplied to the Metropolis during November, that taking the average amount of organic impurity in a given volume of the Kent Company's water during the nine years ending December 1876 to represent unity, the proportional amount of such impurity in an equal volume of water supplied by each of the other Companies, and by the Tottenham Local Board, was:—Kent 1·1, Tottenham 1·2, Colne Valley 1·9, New River 2·1, East London 3·5, Grand Junction 4·2, Chelsea 4·2, West Middlesex 4·4, Lambeth 5·1, and Southwark 5·5. Notwithstanding efficient filtration, the Thames waters delivered by the Chelsea, West Middlesex, Southwark, Grand Junction, and Lambeth Companies, were much polluted by organic matter; the best Thames water was supplied by the Grand Junction and Chelsea, and the worst by the Southwark Companies. The Lea water supplied by the New River and East London Companies was also efficiently filtered, and was superior to the best Thames water delivered by the other Companies; the East London Company's water was, however, much inferior to that distributed by the New River Company. The Kent Company, the Colne Valley Company, and the Tottenham Local Board, supplied water which was clear, and of its usual excellent quality. The Colne Valley water was softened previously to delivery.

Dr. Hill, the Medical Officer of Health, reports that the water supplied to Birmingham was somewhat turbid, and that its proportion of organic impurities showed an increase. Dr. Mills reports that the Loch Katrine water supplied to Glasgow contained "some suspended matter."

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 42, Bombay 33, Madras 44; Paris 24; Geneva 30; Brussels 26; Amsterdam 24, Rotterdam 23, The Hague 40; Copenhagen 17; Stockholm 22; Christiania 21; St. Petersburgh 39; Berlin 25, Hamburg 29, Dresden 20, Breslau 29, Munich 28; Vienna 27, Buda-Pesth 39; Rome 21, Naples 25, Turin 31, Venice 26; Alexandria 31; Brooklyn 21, Philadelphia 17, and Baltimore 15. Small-pox caused 37 deaths in St. Petersburgh.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·80 in.; the highest reading was 30·06 in. on Wednesday morning, and the lowest 29·42 in. at the end of the week. The mean temperature of the *air* was 36°·3, and 5°·4 below the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from observations at the Royal Observatory. The mean was considerably below the average on each day of the week; the coldest day was Friday, when the mean was only 32°·9, and showed a deficiency of 8°·7. The lowest night temperature was 29°·1 on Friday, and the highest day temperature in the shade 42°·4 on Thursday; the extreme range in the week was, therefore, 13°·3. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 61°·0 on Tuesday. The difference between the mean *dew-point* and *air* temperature averaged 3·8. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police ship, was 39°·1. The mean degree of *humidity* of the air was 86, complete saturation being represented by 100; the air was therefore of its average dryness. The general direction of the *wind* was north, and the horizontal movement of the air averaged 11·0 miles per hour, which was 2·4 below the average in the corresponding week of 16 years. *Rain* or melted snow was measured on five days of the week, to the aggregate amount of 0·23 of an inch. The duration of registered bright sunshine in the week was 3·4 hours, the sun being above the horizon during 56·1 hours; the recorded duration of sunshine was, therefore, equal to 6 per cent. of its possible duration. No ozone was measured on Thursday or Saturday, and but little on the other days of the week.

The Registrar General has to acknowledge the courtesy of the London Water Companies who have furnished him with the average daily quantity of Water supplied during the month of November 1878; according to their returns 130,876,054 gallons or 594,630 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 236 gallons (107·2 decalitres), rather less than a *ton* by weight, to each house, and 33·3 gallons (15·1 decalitres) to each person, against 30·9 gallons during November 1877.

Companies.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons (including that for Manufactures and for various purposes other than for domestic consumption) during the Month of	
	November 1877.	November 1878.	November 1877.	November 1878.
Total Suppey	538,499	553,391	118,045,077	130,876,054
From Thames	253,850	261,807	59,413,720	65,662,414
From Lea and from other Sources	284,649	291,587	58,631,357	65,213,640
Thames.				
Chelsea	28,859	29,438	8,183,300	7,789,300
West Middlesex	50,065	51,421	9,204,217	9,421,685
Southwark and Vauxhall	79,320	82,036	18,350,000	23,810,992
Grand Junction	37,922	38,989	10,554,803	11,830,637
Lambeth	57,684	59,923	13,121,400	12,809,800
Lea and other Sources.				
New River	126,027	127,561	26,363,000	27,583,000
East London	113,190	117,084	25,089,800	29,651,000
Kent	45,432	46,942	7,178,557	7,979,640

Note.—The Return for November 1878, as compared with that for the corresponding month of 1877, shows an increase of 14,895 houses, and of 12,830,977 gallons of water supplied daily.

Analysis of Metropolitan Water Supply during November.

Royal College of Chemistry, South Kensington Museum,
6th December, 1878.

Sir,

I have to report to you in the following Table the results of the chemical analyses of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of November.

I append, also, the results obtained in the analyses of the waters supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the nine years ending December 1876 as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Companies, and by the Tottenham Local Board, was:—Kent 1·1, Tottenham 1·2, Colne Valley 1·9, New River 2·1, East London 3·5, Grand Junction 4·2, Chelsea 4·2, West Middlesex 4·4, Lambeth 5·1, Southwark 5·5.

The water abstracted from the Thames by the Chelsea, West Middlesex, Southwark, Grand Junction, and Lambeth Companies was much polluted by organic matter; although it had been efficiently filtered before delivery. The worst water from this source was supplied by the Southwark Company and the best by the Grand Junction and Chelsea Companies.

The water of the river Lea is supplied to London by the New River and East London Companies; it was efficiently filtered by both Companies, and was superior even to the best water from the Thames; but the East London Company's water was much inferior to that distributed by the New River Company.

The water supplied by the Kent and Colne Valley Companies, and by the Tottenham Local Board, was clear and of its usual excellent quality for dietetic purposes. The Colne Valley water was also soft, and was the only water fit for washing delivered in London.

Seen through a stratum two feet deep, the waters presented the following appearances:—Kent, Colne Valley, Tottenham, and New River, clear and colourless; East London, clear and nearly colourless; Chelsea, West Middlesex, and Lambeth, clear and pale yellow; Southwark and Grand Junction, clear and yellow.

Dr. Hill, the Medical Officer of Health for Birmingham, reports that the water supplied to that town "was rather turbid, and the organic matter was larger than it has been for some time past, "the results, I presume, of less active vegetable growth and of the late rains."

Dr. Mills, F.R.S., of Anderson's College, Glasgow, reports that the water supplied to that city from Loch Katrine "contained some suspended matter."

I am, &c.

The Registrar General, &c. &c. E. Frankland.

Results of Analyses expressed in Parts per 100,000.

Companies or Local Authorities.	Date and Place of Collection.	Temperature in centigrade degrees.	Total Solid Matters.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Nitrates and Nitrites.	Total combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle. Thames: Chelsea	14th November, Cab Rank, Horse Guards.	6°·5	30·38	·220	·031	0	·166	·197	1·6	21·2
Inner Circle. Thames: West Middlesex	14th November, Cab Rank, Portland-road.	6·3	31·12	·232	·028	0	·145	·173	1·7	21·2
Inner Circle. Thames: Southwark	14th November, Cab Rank, St. George's Church, Borough.	6·3	28·90	·295	·031	·002	·144	·177	1·6	20·3
Inner Circle. Thames: Grand Junction	14th November, Lancaster-gate, Hyde Park.	6·8	31·50	·216	·031	0	·175	·206	1·6	22·1
Inner Circle. Thames: Lambeth	14th November, Cab Rank, Westminster Bridge-road.	6·5	30·06	·271	·027	0	·169	·196	1·6	21·2
Inner Circle. Other Sources: New River	14th November, Cab Rank, Tottenham-court-road.	5·8	29·10	·104	·017	0	·212	·229	1·6	21·2
Inner Circle. Other Sources: East London	14th November, Royal Hotel, Mile-End-rd.	5·3	31·60	·194	·015	0	·167	·182	1·9	21·8
Inner Circle. Other Sources: Kent	16th November, Deptford Bridge Police Station.	11·3	44·44	·059	·003	·002	·375	·380	2·5	28·4
Outer Circle. Colne Valley	3rd November, Bushey.	10·5	13·62	·099	·017	·008	·299	·422	1·4	6·3
Outer Circle. Tottenham Local Board	11th November, High-street, Tottenham.	–	46·90	·061	·008	0	·386	·394	3·3	27·2
Corporation of Birmingham*	13th November, From rear of 29, Lord st.	6·1	24·80	·355	·059	·003	·209	·270	1·6	15·0
Corporation of Glasgow †	14th November, Loch Katrine service.	6·0	3·10	·150	·012	0	·007	·019	·60	1·43
Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

* Analysed by Dr. Alfred Hill, Medical Officer of Health and Analyst to the Borough.
† Analysed by Dr. E. J. Mills, F.R.S., of Anderson's College, Glasgow.

The numbers in columns 4–11 relate to 100,000 parts of the waters. The Table is to be read thus: the Chelsea Company's water, collected on the 14th November at the Horse Guards cab-rank, had a temperature of 6°·5 C.; 100,000 lbs. of it contained 30·38 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·220 lb. of carbon and ·031 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·166 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of *combined* nitrogen in every form was ·197 lb. The above weight of water also contained 1·6 lbs. of chlorine; and 21·2 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, 7th December 1878.

CITIES AND BOROUGHS. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 7th December, 1878.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
In 23 TOWNS in the UNITED KINGDOM	220,307	8,373,953	38·0	5878	4649	45·8	23·3	36·3	2·39	0·27	0·69
LONDON	75,362	3,577,304	47·5	2576	2016	42·4	29·1	36·3	2·39	0·23	0·58
BRIGHTON	2,354	103,923	44·1	56	44	42·0	28·4	36·5	2·50	0·20	0·51
PORTSMOUTH	4,486	129,461	28·9	89	57	–	–	–	–	–	–
NORWICH	7,472	84,620	11·3	42	39	43·0	31·0	36·8	2·67	0·29	0·74
PLYMOUTH	1,395	73,599	52·8	38	49	45·0	30·5	37·3	2·95	0·28	0·71
BRISTOL	4,452	206,419	46·4	141	109	45·2	28·8	36·3	2·39	0·11	0·28
WOLVERHAMPTON	3,396	74,240	21·9	51	50	41·2	25·6	34·1	1·17	0·47	1·19
BIRMINGHAM	8,400	383,117	45·6	301	230	–	–	–	–	–	–
LEICESTER	3,200	121,473	38·0	91	56	41·8	28·5	36·1	2·28	0·23	0·58
NOTTINGHAM	9,960	165,267	16·6	108	65	42·3	27·7	35·6	2·01	0·20	0·51
LIVERPOOL	5,210	532,681	102·2	400	341	43·4	31·8	37·6	3·12	0·24	0·61
MANCHESTER	4,293	360,514	84·0	239	208	–	–	–	–	–	–
SALFORD	5,170	170,251	32·9	135	92	–	–	–	–	–	–
OLDHAM	4,666	107,366	23·0	51	53	–	–	–	–	–	–
BRADFORD	7,220	185,088	25·6	134	93	42·0	30·0	36·7	2·61	0·23	0·58
LEEDS	21,572	304,948	14·1	248	163	44·0	30·0	37·8	3·23	0·23	0·58
SHEFFIELD	19,651	289,537	14·7	225	185	43·0	29·7	37·6	3·12	0·19	0·48
HULL	3,635	143,139	39·4	96	70	44·0	28·0	35·2	1·78	0·72	1·83
SUNDERLAND	2,768	112,459	40·6	100	57	44·0	31·0	37·7	3·17	0·62	1·57
NEWCASTLE-ON-TYNE	5,371	144,570	26·9	106	73	–	–	–	–	–	–
EDINBURGH	4,191	222,371	53·1	136	95	41·3	23·7	34·3	1·28	0·33	0·84
GLASGOW	6,033	566,940	94·0	354	279	42·7	27·7	36·4	2·44	0·02	0·05
DUBLIN	10,050	314,666	31·3	161	225	45·8	23·3	35·5	1·95	0·08	0·20

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.

† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven and a quarter years' increase, calculated on the rate that prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday, 7th December, 1878.

BOROUGHS, &c. (*Municipal Boundaries, except for* LONDON *and* DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
				Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.		
In 20 TOWNS	29·1	3·3	4050	824	812	4	51	197	22	93	65	28	512	616	587
LONDON	29·4	2·7	2016	373	398	4	28	62	9	42	29	9	436	496	325
BRIGHTON	22·1	1·5	44	8	11	–	2	–	1	–	–	–	1	1	7
PORTSMOUTH	23·0	2·4	57	7	15	–	–	2	–	2	2	–	–	1	6
NORWICH	24·0	2·5	39	10	13	–	1	1	–	2	–	–	1	3	7
PLYMOUTH	34·7	2·1	49	7	18	–	–	1	2	–	–	–	–	2	4
BRISTOL	27·6	1·5	109	31	35	–	–	1	–	–	3	2	1	4	15
WOLVERHAMPTON	35·1	1·4	50	22	7	–	1	–	–	–	–	1	3	4	8
BIRMINGHAM	31·3	8·4	230	52	51	–	1	43	2	6	4	6	10	13	23
LEICESTER	24·1	1·3	56	12	17	–	1	–	1	–	1	–	3	5	9
NOTTINGHAM	20·5	1·6	65	12	16	–	–	–	–	2	2	1	3	3	3
LIVERPOOL	33·4	5·0	341	54	56	–	3	26	5	5	10	2	18	23	57
MANCHESTER	30·1	2·2	208	43	44	–	4	7	1	2	1	–	10	20	35
SALFORD	28·2	5·2	92	19	15	–	5	8	–	3	–	1	5	8	13
OLDHAM	25·8	4·4	53	12	6	–	–	5	–	1	3	–	1	1	2
BRADFORD	26·2	2·0	93	26	12	–	–	3	1	2	1	–	1	4	6
LEEDS	27·9	3·4	163	43	30	–	2	6	–	10	2	–	7	13	16
SHEFFIELD	33·3	6·1	185	42	33	–	2	14	–	10	5	3	3	3	22
HULL	25·5	0·4	70	18	13	–	–	–	–	–	–	1	2	5	7
SUNDERLAND	26·5	7·0	57	16	11	–	–	12	–	2	–	1	2	2	11
NEWCASTLE-ON-TYNE	26·3	5·1	73	17	11	–	1	6	–	4	2	1	5	5	11
DUBLIN	37·3	4·3	225	18	77	13	–	3	–	2	5	3	8	11	59

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the FORTY-NINTH Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2171	2267	1922	2126	2274	2271	2257	2432	2410	2435	2256·5	2576
Males . .	1136	1136	975	1093	1136	1169	1168	1235	1247	1266	1156·1	1294
Females .	1035	1131	947	1033	1138	1102	1089	1197	1163	1169	1100·4	1282
TOTAL **Deaths**	1672	1759	1586	1856	1205	1484	2082	1856	1446	1547	1649·3	2016
Males . .	826	954	755	927	623	728	995	960	733	811	831·2	982
Females .	846	805	831	929	582	756	1087	896	713	736	818·1	1034

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26	Nov. 2.	Nov. 9.	Nov. 16.	Nov. 23.	Nov. 30	Dec. 7.
TOTAL **Deaths** - - -	1259	1250	1355	1355	1418	1369	1446	1386	1590	1665	1547	1624	2016
0—20 - -	629	597	654	677	679	695	720	679	734	771	703	764	878
20—40 - -	193	183	214	188	198	194	196	187	206	216	181	176	364
40—60 - -	211	231	257	230	241	223	251	252	285	282	277	303	376
60—80 - -	187	198	191	216	241	206	234	225	304	326	327	309	331
at 80 years & upwds.	39	41	39	44	59	51	45	43	61	70	59	72	67
Deaths of children: Under 1 year -	331	326	336	380	344	378	355	376	367	369	345	366	373
Deaths of children: 1—5 - -	214	195	228	208	231	228	263	218	282	282	247	267	289
Deaths of children: 5—20 - -	84	76	90	89	104	89	102	85	85	120	111	131	216
Deaths from 7 principal Zymotic Diseases	211	193	192	190	191	171	173	154	193	206	160	218	183
" " Small-pox -	7	4	2	4	5	5	4	3	9	16	7	8	4
" " Measles - -	6	2	6	19	13	10	18	15	18	22	18	28	28
" " Scarlet fever -	27	24	30	34	33	45	46	49	60	64	54	70	62
" " Diphtheria -	13	10	13	20	17	12	12	10	11	13	11	7	9
" " Whooping-cough	37	43	53	40	52	33	33	22	33	43	31	39	42
" " Typhus fever -	5	–	1	2	1	2	–	1	3	6	3	8	2
" " Enteric (or Typhoid) fever -	25	25	20	22	31	24	30	27	31	29	18	38	22
" " Simple Contd fever	2	5	6	4	2	4	–	6	2	2	3	6	5
" " Diarrhœa - -	89	80	61	45	37	36	30	21	26	11	15	14	9
" " Simple Cholera -	1	1	–	–	–	–	–	–	–	1	1	–	–
" " Dis. of Respiratory Organs -	172	215	213	247	286	326	347	353	434	431	428	441	460
" " Phthisis - -	152	161	182	182	159	168	169	172	162	188	165	158	157
" " Heart Diseases -	74	62	81	83	95	68	78	85	98	127	93	120	112
Violent Deaths - - -	43	56	52	30	51	50	63	41	50	47	46	58	436
Inquest Cases - - -	63	85	100	61	109	82	106	80	109	91	99	115	496
Deaths in Public Institutions	246	241	269	213	285	262	268	271	307	314	284	320	325
TEMPERATURE OF THE AIR:													
Mean - - - -	59·1°	54·4°	52·2°	55·8°	56·9°	51·9°	50·3°	41·0°	38·8°	39·8°	40·6°	39·0°	36·3°
Mean of Highest readings -	71·0	64·0	61·0	66·1	64·2	58·0	58·2	47·1	44·4	43·3	44·7	43·6	38·8
Mean of Lowest readings -	49·8	47·0	44·0	47·6	51·3	45·5	44·3	35·4	32·9	35·6	36·6	34·6	32·6
Mean Temperature of the Water of the Thames -	61·2	61·4	57·7	57·6	58·6	56·2	54·7	49·1	44·1	41·7	41·3	41·9	39·1
Humidity of the Air - -	79	79	85	81	78	85	85	89	82	90	85	92	86
Rain-fall in inches - -	0·02	0·49	0·19	0·13	0·54	0·00	0·98	0·14	0·10	1·74	0·12	1·48	0·23
Registered Sunshine (in hours)	40·1	34·6	9·6	41·0	31·3	18·0	15·6	11·2	15·5	4·8	11·8	4·1	3·4

METEOROLOGICAL OBSERVATIONS. (*See* TABLE **1.**)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-NINTH Week of the Year 1878.

CAUSES OF DEATH.	Average in the Forty-ninth Weeks of the 10 years 1868–77.*	In the Week ending Saturday, December 7, 1878. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature	42°·6	36°·3							
ALL CAUSES	1649·3	2016	373	289	216	364	376	331	67
SPECIFIED CAUSES	1643·0	2011	373	287	215	364	376	329	67
I. ZYMOTIC.									
ORDER 1.									
1. Small-pox	26·9	4	–	1	1	1	1	–	–
2. Measles	48·9	28	9	19	–	–	–	–	–
3. Scarlet Fever	78·3	62	4	34	22	2	–	–	–
4. Diphtheria	8·3	9	–	2	6	1	–	–	–
5. Quinsy	·8	4	–	3	–	–	–	1	–
6. Croup	15·6	18	1	14	3	–	–		–
7. Whooping-cough	48·7	42	10	32	–	–		–	–
8. Typhus	39·5 (Enteric or Typhoid Fev. / Simple continued Fev.)	2	–	2	–	–	–	–	–
		22	–	2	4	15	1	–	–
		5	–	1	2	1	1	–	–
9. Erysipelas	11·6	4	1	–	–	1	1	1	–
10. Puerperal Fev. (Metria)	6·0	7	–	–	–	6	1	–	–
11. Carbuncle	1·0	1	–	–	–	–	1	–	–
12. Influenza	·7	–	–	–	–	–	–	–	–
13. Dysentery	·6	1	–	–	–	–	–	1	–
14. Diarrhœa	14·4	9	7	1	–	–	–	1	–
15. Simple Cholera	·9	–	–	–	–	–	–	–	–
16. Ague	·2	–	–	–	–	–	–	–	–
Remittent Fever	·2	–	–	–	–	–	–	–	–
Rheumatism	10·2	9	–	1	2	2	3	1	–
Other *Zymotic* Diseases	·4	–	–	–	–	–	–	–	–
ORDER 2.									
Syphilis	8·4	6	2	–	–	2	2	–	–
Stricture of Urethra	·9	1	–	–	–	–	–	1	–
Hydrophobia	·1	1	–	–	1	–	–	–	–
Glanders	–	–	–	–	–	–	–	–	–
ORDER 3.									
Privation	1·1	1	–	–	–	–	1	–	–
Want of Breast-milk	8·6	7	7	–	–	–	–	–	–
Purpura and Scurvy	1·9	3	1	2	–	–	–	–	–
Alcoholism: *a* Del. Tremens	1·0	–	–	–	–	–	–	–	–
Alcoholism: *b* Intemperance	1·5	2	–	–	–	2	–	–	–
ORDER 4.									
Thrush	2·6	3	3	–	–	–	–	–	–
Worms, &c.	·1	1	–	–	–	1	–	–	–
CONSTITUTIONAL.									
ORDER 1.									
Gout	2·7	4	–	–	–	1	1	2	–
Dropsy	10·8	5	–	–	1	2	2	–	–
Cancer	33·8	40	–	–	1	4	21	13	1
Cancrum Oris (Noma)	·3	1	–	–	1	–	–	–	–
Mortification	3·8	2	–	–	–	–	–	–	2
ORDER 2.									
Scrofula	9·9	15	4	6	3	–	–	1	1
Tabes Mesenterica	17·9	23	14	9	1	1	1	–	–
Phthisis	160·4	157	5	3	14	69	55	11	–
Hydrocephalus	24·2	15	4	6	5	–	–	–	–
III. LOCAL.									
ORDER 1.									
Cephalitis	18·6	24	7	7	5	2	2	1	–
Apoplexy	45·2	52	2	3	1	4	15	23	4
Paralysis	33·6	37	–	–	–	1	8	27	1
Insanity	2·9	6	–	–	–	1	3	2	–
Chorea	·2	–	–	–	–	–	–	–	–
Epilepsy	6·2	4	–	–	–	1	2	1	–
Convulsions	52·6	40	31	9	–	–	–	–	–
Brain Disease, &c.	19·2	27	1	1	2	5	9	7	2
ORDER 2.									
Pericarditis	3·2	2	–	1	–	1	–	–	–
Aneurism	2·3	8	–	–	–	3	4	1	–
Heart Disease, &c.	83·5	102	2	–	5	23	33	35	4
ORDER 3.									
Laryngitis	7·3	9	3	6	–	–	–	–	–
Bronchitis	279·1	299	77	50	3	9	52	87	21
Pleurisy	4·6	2	–	–	–	–	–	2	–
Pneumonia	113·6	101	39	24	3	13	11	11	–
Asthma	16·3	18	–	–	–	2	10	6	–
Lung Disease, &c.	23·6	31	14	3	2	1	2	7	2
ORDER 4.									
1. Gastritis	3·1	4	–	–	1	–	2	1	–
2. Enteritis	6·3	9	2	1	1	2	2	1	–
3. Peritonitis	5·6	3	–	–	–	1	1	1	–
4. Ascites	1·8	1	–	–	–	–	–	1	–
5. Ulceration of Intestines	3·1	2	–	–	–	2	–	–	–
6. Hernia	4·0	3	–	–	–	–	1	2	–
7. Ileus	3·8	5	–	–	–	1	1	2	1
8. Intussusception	1·8	2	–	–	–	–	–	2	–
9. Stricture of Intestines	1·5	1	–	–	–	1	–	–	–
10. Fistula	·1	–	–	–	–	–	–	–	–
11. *Stomach Disease, &c.*	6·4	8	2	1	–	2	2	1	–
12. *Pancreas Disease, &c.*	–	–	–	–	–	–	–	–	–
13. Hepatitis	3·1	3	–	–	–	–	3	–	–
14. Jaundice	3·4	3	1	–	–	–	–	1	1
15. *Liver Disease, &c.*	18·6	19	–	–	–	2	10	7	–
16. *Spleen Disease, &c.*	·1	–	–	–	–	–	–	–	–
ORDER 5.									
1. Nephritis	3·1	4	–	–	1	–	1	2	–
2. Ischuria	·1	2	–	–	–	–	2	–	–
3. Bright's Dis. (Nephria)	11·6	11	–	–	–	1	8	2	–
4. Diabetes	1·4	2	–	–	–	2	–	–	–
5. Calculus (Stone)	1·8	3	–	–	–	1	–	2	–
6. Cystitis	1·6	–	–	–	–	–	–	–	–
7. *Kidney Disease, &c.*	7·9	15	–	1	1	2	5	6	–
ORDER 6.									
1. Ovarian Dropsy	1·3	1	–	–	–	1	–	–	–
2. *Uterus Disease, &c.*	4·6	3	–	–	–	–	2	1	–
ORDER 7.									
1. Synovitis (Arthritis)	·7	1	–	–	–	–	1	–	–
2. *Joint Disease, &c.*	7·3	10	–	2	6	2	–	–	–
ORDER 8.									
1. Phlegmon	3·4	5	1	–	2	2	–	–	–
2. Ulcer	1·4	–	–	–	–	–	–	–	–
3. *Skin Disease, &c.*	·7	4	2	1	–	–	1	–	–
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth	22·9	30	30	–	–	–	–	–	–
2. Cyanosis	2·9	4	4	–	–	–	–	–	–
3. Spina Bifida	1·5	2	2	–	–	–	–	–	–
4. Other Malformations	1·7	2	2	–	–	–	–	–	–
5. Teething	14·8	13	6	7	–	–	–	–	–
ORDER 2.									
1. Paramenia	·3	1	–	–	–	–	1	–	–
2. Childbirth (*see* Puerperal Fever)	8·0	7	–	–	–	7	–	–	–
ORDER 3.									
1. Old Age	56·1	49	–	–	–	–	–	25	24
ORDER 4.									
1. Atrophy and Debility	54·7	64	51	5	1	–	3	4	–
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	17·5	20	–	–	5	3	5	6	1
2. Wounds: Gunshot	1·2	1	–	–	1	–	–	–	–
2. Wounds: Cut, Stab		–	–	–	–	–	–	–	–
3. Burns and Scalds	8·0	3	1	1	–	–	–	–	1
4. Poison	1·0	1	–	–	–	1	–	–	–
5. Drowning	5·2	393‡	9	26	103	150	80	19	1
6. Suffocation	12·0	11	11	–	–	–	–	–	–
7. Otherwise	4·5	1	–	–	–	1	–	–	–
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	1·2	1	1	–	–	–	–	–	–
ORDER 4. (SUICIDE.)									
1. Wounds: Gunshot	·4	2	–	–	–	2	–	–	–
1. Wounds: Cut, Stab	1·5	1	–	–	–	–	1	–	–
2. Poison	·5	–	–	–	–	–	–	–	–
3. Drowning	1·0	1	–	–	–	1	–	–	–
4. Hanging	1·0	1	–	–	–	–	1	–	–
5. Otherwise	·3	–	–	–	–	–	–	–	–
ORDER 5. (EXECUTION.)									
1. Hanging	–	–	–	–	–	–	–	–	–
Sudden Deaths (Cause unascertained)	1·3	3	–	–	1	–	–	2	–
Causes not specified or ill-defined	5·0	2	–	2	–	–	–	–	–

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

‡ These 393 deaths from drowning included 389 caused by the sinking of the "Princess Alice" in the Thames on 3rd September last.

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCA during the Week en

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,254,260	2576	2016	373	398	4	28	62	9	42	2	22	5	9	436	496
WEST DISTRICTS	561,359	384	269	64	52	1	5	9	3	8	2	6	-	2	10	23
NORTH DISTRICTS	751,729	570	367	74	109	-	6	12	-	6	-	5	-	6	8	29
CENTRAL DISTRICTS	334,369	189	149	29	24	-	1	6	3	1	-	1	1	-	7	18
EAST DISTRICTS	639,111	549	342	77	79	-	10	11	1	16	-	3	3	1	12	17
SOUTH DISTRICTS	967,692	884	889	129	134	3	6	24	2	11	-	7	1	-	399	409
WEST DISTRICTS.																
St. Mary Paddington *WH* G.J. & W.M.	58728	32	23	9	5	-	-	-	-	-	-	1	-	1	1	1
St. John Paddington *H* - G.J.	38085	13	13	2	4	-	-	-	-	-	-	1	-	-	-	-
Kensington Town *W* - - W.M.	91645	79	64	19	12	-	3	1	1	7	-	1	-	-	-	-
Brompton *H* - - W.M. & C.	28654	19	11	2	3	-	-	-	-	-	-	-	-	-	1	3
St. Peter Hammersmith - W.M.	6662	3	2	1	1	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith *H* W.M. & G.J.	36029	29	19	6	2	-	-	3	-	-	-	1	-	-	1	2
Fulham *WwH* - - W.M. & C.	23350	25	19	7	2	1	-	3	-	-	2	-	-	-	3	4
Chelsea South *HHH* - - C.	26420	27	8	4	1	-	-	-	-	-	-	-	-	-	-	-
Chelsea North-west *WHHHH* - C.	22926	19	13	3	1	-	-	-	-	-	-	-	-	-	-	2
Chelsea North-east - - C.	21392	23	9	3	-	-	1	-	-	-	-	-	-	-	1	2
Hanover Square *H* - - G.J.	18698	12	4	-	-	-	-	-	-	-	-	-	-	-	1	1
May Fair *WW* - - - G.J.	13358	4	12	-	3	-	-	-	-	-	-	-	-	-	-	-
Belgrave *HH* - - - C.	57972	35	23	3	3	-	1	-	-	-	-	2	-	1	1	1
St. John Westminster *HH* - - C.	38478	21	11	3	5	-	-	-	-	-	-	-	-	-	-	1
St. Margaret Westminster *WH* - C.	27781	14	11	1	3	-	-	1	-	-	-	-	-	-	1	3
Golden Square *WH* - - G.L.	12860	4	11	-	6	-	-	-	1	-	-	-	-	-	-	2
Berwick-street *H* - N.R. & G.J.	20759	12	8	1	1	-	-	1	1	-	-	-	-	-	-	-
St. Anne Soho *HHHHH* - - N.R.	17562	13	8	-	-	-	-	-	-	1	-	-	-	-	-	1
NORTH DISTRICTS.																
All Souls Marylebone *HHHH* - W.M.	28579	15	12	2	4	-	-	-	-	1	-	-	-	-	1	1
Cavendish Square *HH* - - W.M.	15425	8	4	2	-	-	-	1	-	-	-	-	-	-	-	-
Rectory Marylebone *WH* G.J. & W.M.	26384	15	20	1	6	-	-	-	-	1	-	-	-	1	-	1
St. Mary Maryleb. *HHH* G.J. & W.M.	21786	22	11	3	4	-	-	-	-	-	-	-	-	-	-	-
Christchurch Marylebone *H* - W.M.	33944	24	14	3	6	-	-	-	-	-	-	-	-	1	1	2
St. John Marylebone *H* - - W.M.	33136	13	19	4	3	-	1	-	-	1	-	1	-	-	-	-
Hampstead *WwHH* - N.R. & W.M.	32281	19	9	3	2	-	2	-	-	-	-	-	-	-	-	1
Regent's Park Pancras - - W.M.	38200	20	11	4	4	-	-	-	-	-	-	-	-	2	-	-
Tottenham-court *wHHH* N.R. & W.M.	29370	14	15	-	6	-	-	-	-	-	-	1	-	-	1	4
Gray's Inn Lane *HHH* - - N.R.	29221	17	14	2	4	-	-	1	-	-	-	-	-	-	-	-
Somers Town - - - - N.R.	38533	21	10	5	2	-	-	-	-	1	-	-	-	-	-	1
Camden Town *WH* - - - N.R.	17943	7	11	4	5	-	-	1	-	-	-	-	-	-	-	-
Kentish Town *w* - - - - N.R.	68198	58	32	6	8	-	1	-	-	1	-	-	-	-	-	-
Islington West *HHH* - - - N.R.	97820	84	50	11	11	-	1	2	-	-	-	1	-	1	2	8
Islington East *WWwwH* - - N.R.	115958	102	63	9	26	-	-	1	-	1	-	1	-	-	1	7
Stoke Newington *H* - - - N.R.	9841	17	7	-	3	-	-	-	-	-	-	-	-	-	-	-
Stamford Hill - - - - E.L.	6598	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney - - - - N.R.	28069	29	17	4	3	-	1	3	-	-	-	-	-	-	-	-
Hackney *WwwHL* - E.L. & N.R.	50104	50	30	5	7	-	-	2	-	-	-	1	-	1	2	2
South Hackney - - - - E.L.	30339	25	17	6	5	-	-	1	-	-	-	-	-	-	-	2
CENTRAL DISTRICTS.																
St. George Bloomsbury - - N.R.	17853	3	7	1	1	-	-	-	-	1	-	-	-	-	-	-
St. Giles South *WH* - - - N.R.	19109	23	11	2	4	-	-	-	-	-	-	-	-	-	-	1
St. Giles North - - - - N.R.	16594	10	7	1	2	-	-	1	-	-	-	-	-	-	-	-
St. Martins in-the-Fields* - N.R. & C.	21238	9	11	1	2	-	-	-	-	-	-	-	-	-	2	5
St. Mary-le-Strand - - - N.R.	9378	5	5	1	1	-	-	1	-	-	-	-	-	-	-	1
St. Clement Danes *H* - - - N.R.	10723	2	12	1	2	-	-	1	-	-	-	-	-	-	-	1
St. George-the-Martyr *HHHHH* N.R.	20521	14	7	-	1	-	-	-	-	-	-	-	-	-	-	1
St. Andrew Eastern *W* - - N.R.	13529	4	9	2	2	-	-	-	-	-	-	-	-	-	1	1
Saffron Hill *H* - - - - N.R.	9066	5	3	2	1	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell *W* - - N.R.	18917	17	7	2	-	-	-	-	-	-	-	-	-	-	-	-
Amwell Clerkenwell - - - N.R.	16884	9	10	3	-	-	-	-	-	-	-	1	-	-	-	3
Pentonville - - - - - N.R.	13337	16	8	1	2	-	-	-	-	-	-	-	-	-	-	-
Goswell-street - - - - N.R.	16242	15	3	-	2	-	-	1	-	-	-	-	-	-	1	-
Old-street *H* - - - - N.R.	12161	12	5	2	1	-	-	-	-	-	-	-	-	-	-	-
City-road *HHL* - - - - N.R.	18301	11	9	2	-	-	-	2	-	-	-	-	-	-	-	1
Whitecross-street - - - - N.R.	13792	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Finsbury - - - - - N.R.	10741	8	2	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph *H* - - N.R. & E.L.	14540	8	2	1	-	-	-	-	-	-	-	-	-	-	1	1
Cripplegate - - - - - N.R.	13638	3	3	-	-	-	-	-	-	-	-	-	1	-	-	-
St. Sepulchre *H* - - - - N.R.	7562	2	16	2	-	-	1	-	2	-	-	-	-	-	1	2
St. Bride *W* - - - - - N.R.	11185	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard - - - - N.R.	4426	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch - - - - - N.R.	6270	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe - - - - - N.R.	4753	2	2	2	-	-	-	-	-	-	-	-	-	-	1	1
Allhallows Barking - - - N.R.	5764	1	2	-	-	-	-	-	1	-	-	-	-	-	-	-
Broad-street *H* - - - - N.R.	7845	-	3	-	3	-	-	-	-	-	-	-	-	-	-	-

* On 1st August the sub-districts of Long Acre and Charing Cross were united for registration purposes under the name of St. Martins-in-Fields sub-district.

NOTE.—The Italic capitals placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—W house; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it st see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub districts:—G.J. sig Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East Lon and K. the Kent Company.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT turday, 7th December 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
lywell Shoreditch - N.R. & E.L.	12430	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leonard Shoreditch *HL*† - N.R.	16545	14	5	-	1	-	-	1	-	-	-	-	-	-	-	-	-
oxton New Town *w* - - - N.R.	27835	30	9	1	5	-	1	-	-	-	-	-	-	-	-	-	3
oxton Old Town - - - - N.R.	26933	23	15	3	1	-	-	3	-	1	-	1	-	-	1	1	-
uggerston *WH* - - N.R. & E.L.	43421	37	17	4	3	-	-	2	-	2	-	-	-	-	1	1	5
ackney-road *H* - - - - E.L.	29822	26	16	5	3	-	1	-	-	-	-	-	-	-	-	-	-
een, Bethnal Green *WHL*† - E.L.	42433	40	41	4	10	-	2	-	-	2	-	1	1	-	-	-	14
urch, Bethnal Green " - E.L.	26577	20	13	2	2	-	2	1	-	-	-	-	-	-	-	1	-
wn, Bethnal Green - - - E.L.	21272	16	14	3	1	-	2	-	-	-	-	-	-	-	-	-	-
italfields *H* - - E.L. & N.R.	22499	8	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-
le End New Town *W* - - E.L.	15550	15	25	4	12	-	-	-	-	-	-	-	-	-	-	-	18
hitechapel North - E.L. & N.R.	11597	7	7	4	-	-	1	-	-	-	-	-	-	-	1	1	-
hitechapel Church *H* - - E.L.	7322	7	20	1	5	-	-	-	1	-	-	1	1	-	2	2	17
odman's Fields - - - - E.L.	10381	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
dgate - - - - N.R. & E.L.	9224	4	3	1	1	-	-	-	-	-	-	-	-	-	1	1	-
Mary St. George East - - E.L.	17900	17	5	3	1	-	-	-	-	-	-	-	-	-	-	-	-
Paul St. George East - - E.L.	21350	27	5	1	-	-	-	1	-	-	-	-	-	-	-	-	-
John St. George East *W* - E.L.	8802	4	7	2	5	-	-	-	-	-	-	-	-	-	-	-	5
adwell *H* - - - E.L. & N.R.	11640	5	4	1	-	-	-	-	-	-	-	-	-	-	-	-	2
tcliff - - - - - - E.L.	16131	14	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
nehouse - - - - - E.L.	29919	18	13	6	4	-	-	-	-	1	-	-	-	-	1	3	-
le End Old Town West - - E.L.	38128	31	15	3	2	-	-	1	-	-	-	-	-	-	-	1	-
le End Old Town East *WwcH* - E.L.	55024	54	29	10	11	-	-	1	-	1	-	-	-	-	-	1	7
w *wwcH* - - - - E.L.	67765	73	38	8	8	-	-	1	-	1	-	-	-	-	1	1	13
plar *WW* - - - - - E.L.	48611	47	28	8	3	-	1	-	-	8	-	-	1	1	4	4	1
SOUTH DISTRICTS.																	
ristchurch Southwark *WH* L. & S.	14573	10	3	2	1	-	-	-	-	-	-	-	-	-	1	1	-
Saviour Southwark *H* - - S.	15677	14	5	-	3	-	-	-	-	-	-	-	-	-	-	-	-
nt-road - - - - S. & L.	20421	17	3	1	1	-	-	-	-	-	-	-	-	-	-	1	-
rough-road *WH* - - S. & L.	16695	14	12	3	2	-	-	1	-	-	-	-	-	-	-	1	2
ndon-road *HL* - - L. & S.	18961	16	3	1	-	-	-	1	-	-	-	-	-	-	-	-	1
nity Newington - - S. & L.	23682	8	8	-	1	-	1	-	-	-	-	-	-	-	-	-	-
Peter Walworth *W* - S. & L.	48248	28	33	4	9	-	1	1	-	-	-	1	-	-	-	-	10
Mary Newington - - L. & S.	16792	14	8	3	2	-	2	-	-	-	-	-	-	-	-	-	-
Olave Southwark *H* - - S.	4373	2	10	-	1	-	-	-	-	-	-	-	-	-	4	4	10
John Horsleydown *W* - - S.	10500	7	7	3	1	-	-	1	-	-	-	-	-	-	-	-	1
ather Market - - - S. & L.	16787	7	3	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Mary Magdalen *W* - - - S.	15709	11	15	1	6	-	-	1	-	-	-	-	-	-	-	-	6
James Bermondsey - - S.	47933	34	19	7	3	-	-	-	-	-	-	-	-	-	-	-	-
therhithe *W* - - - S. & K.	27096	18	16	2	3	-	-	-	-	2	-	-	-	-	-	-	4
aterloo-road 1st *H* - - L. & S.	14074	15	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-
aterloo-road 2nd *H* - - L. & S.	18465	10	11	4	3	-	1	-	-	-	-	-	1	-	1	1	-
mbeth Church 1st *H* - L. & S.	19492	19	18	1	6	-	-	2	-	-	-	1	-	-	-	2	6
mbeth Church 2nd *WW* - L. & S.	35833	35	23	3	8	-	-	1	-	2	-	-	-	-	-	-	5
nnington 1st - - - S. & L.	41286	33	19	3	2	-	-	2	-	-	-	1	-	-	-	1	-
nnington 2nd - - - S. & L.	31221	29	9	2	3	-	-	-	-	1	-	-	-	-	-	-	-
xton *w* - - - - L. & S.	35435	36	19	5	6	-	-	5	-	-	-	-	-	-	-	-	5
rwood *W* - - - - - L.	12536	11	7	3	1	-	-	1	-	1	-	-	-	-	-	-	-
pham *H* - - - - - S.	27347	27	9	1	2	-	-	1	-	-	-	-	-	-	-	-	-
ttersea *Ww* - - - - S.	54016	92	28	9	7	-	-	-	-	1	-	-	-	-	-	3	3
ndsworth *HL* - - - S.	19783	9	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-
tney - - - - - - S.	9439	12	3	2	-	-	-	-	-	1	-	-	-	-	-	-	-
eatham - - - - - - L.	14475	10	8	2	3	-	-	-	-	-	-	-	-	-	-	1	-
lwich - - - - - L. & S.	4041	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-
nberwell *WL*†*L*† - - S. & L.	31254	39	27	7	8	-	-	2	-	-	-	-	-	-	2	3	5
kham *W* - - S., L., & K.	42160	54	25	9	4	1	1	1	-	-	-	1	-	-	-	-	-
George Camberwell - L. & S.	33851	41	23	7	3	-	-	1	2	-	-	-	-	-	-	-	-
Paul Deptford *w* - - - K.	53714	61	32	13	3	1	-	1	-	-	-	3	-	-	-	-	-
Nicholas Deptford - - - K.	6474	5	4	1	1	1	-	-	-	-	-	-	-	-	-	-	-
enwich West - - - - K.	21034	14	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-
enwich East *WH* - - - K.	19378	16	18	3	4	-	-	-	-	-	-	-	-	-	-	-	5
ham *H* - - - - - K.	4539	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- - - - - - K.	16440	12	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-
visham Village *WH* - - K.	11513	14	11	5	2	-	-	-	-	-	-	-	-	-	-	-	2
enham *H* - - - - L.	19065	19	11	1	5	-	-	-	-	1	-	-	-	-	-	-	-
rlton *H* - - - - - K.	9564	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
olwich Dockyard - - - K.	17226	26	29‡	1	3	-	-	-	-	1	-	-	-	-	25	25	-
olwich Arsenal *WHH* - - K.	18331	18	198‡	7	6	-	-	-	-	-	-	-	-	-	191	191	-
mstead West - - - - K.	13027	5	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-
mstead East *W* - - - K.	15232	14	182‡	6	16	-	-	-	-	1	-	-	-	-	175	175	4

ne following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the re Table by *w*:—

Central London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary " " "
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.
London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

Private Lunatic Asylums in which paupers are received.

The deaths registered last week in Woolwich Dockyard, Woolwich Arsenal, and Plumstead East sub-districts, included 25, 190, and 174 respec-y, which resulted from the sinking of the "Prince s Alice" in the Thames on 3rd September last.

TABLE 7.—LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 7th December 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
	LONDON—OUTER RING	368,414	631,381	605	335	85	98	1	3	6	2	11	3	3	9	10
29 : 1	Carshalton *wL* - - -	12228	13523	9	10	1	4	-	-	-	-	-	-	-	1	1
2	Epsom (*part of*) * *WH* -	9971	9145	5	6	2	2	-	-	-	-	-	-	-	-	-
36 : 1	Godstone (*part of*) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	79	33	4	7	-	-	-	1	1	-	-	1	2
2	Mitcham *WH* - - -	11697	12534	5	7	3	1	-	-	-	-	-	-	-	-	-
38 : 1	Wimbledon *HH* - - -	3220	9087	7	1	-	1	-	-	-	-	-	-	-	-	-
2	Kingston *WH* - - -	8549	27489	19	16	3	7	-	-	-	-	-	-	-	-	-
3	Esher (*part of*) * - -	6601	7353	8	-	-	-	-	-	-	-	-	-	-	-	-
4	Hampton - - - -	4573	10185	7	5	1	1	-	-	-	-	-	-	-	-	-
39 : 1	Richmond *WH* - - -	2271	16829	9	5	3	1	-	-	-	-	-	-	-	2	2
2	Mortlake - - - -	2961	9316	3	9	2	1	-	-	-	-	-	-	-	-	-
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	18	6	1	3	-	-	-	-	-	-	1	1	1
2	Chislehurst (*part of*) * *W* -	13665	10028	3	5	1	4	-	-	-	1	-	-	-	-	-
41 : 1	Bexley *H* - - - -	13439	19566	17	5	1	-	-	-	-	-	-	-	-	-	-
123 : 1	Sunbury *W* - - -	11055	9860	6	6	1	3	-	-	-	-	1	1	-	-	-
2	Staines *W* - - - -	13277	10339	5	5	1	2	-	-	-	-	-	-	-	-	-
124 : 1	Hillingdon *WH* - - -	6029	9712	6	6	2	3	-	-	-	-	-	-	1	-	-
2	Uxbridge - - - -	6178	5329	2	1	1	-	-	-	-	-	-	-	-	-	-
3	Hayes *WL* - - - -	14587	10497	4	3	-	-	-	-	-	-	-	-	-	-	-
125 : 1	Isleworth *W* - - -	7008	19930	30	14	3	7	-	-	-	-	-	-	-	-	-
2	Twickenham - - -	2477	10533	7	3	2	-	-	-	-		-	1	-	-	-
3	Brentford *HL* - - -	4370	20279	14	12	5	-	-	-	2	-	-	-	-	-	-
4	Chiswick - - - -	1311	8508	11	4	1	-	-	-	1	-	1	-	-	-	-
5	Acton *WH* - - - -	6087	12683	10	2	1	-	-	-	-	-	-	-	-	-	-
126 : 1	Harrow *H* - - - -	13809	10869	6	7	2	2	-	-	-	-	-	-	-	-	-
2	Edgware *H* - - -	6994	3450	3	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	15	10	5	-	-	-	-	-	1	1	-	-	-
4	Hendon *WH* - - -	8382	6972	16	6	4	2	-	-	-	-	-	-	-	2	2
127 : 1	South Mimms - - -	15419	5924	4	2	-	1	-	-	-	-	-	-	-	-	-
2	Barnet *W* - - - -	5423	7752	2	6	-	3	-	-	1	-	-	-	-	1	-
3	Finchley *L* - - - -	4688	11493	3	12	1	3	-	-	-	-	1	-	-	-	-
128 : 1	Hornsey *H* - - - -	3039	19357	37	8	4	3	-	-	-	-	-	-	-	-	-
2	Tottenham *H* - - -	4642	22869	26	11	2	4	-	-	1	-	-	-	-	-	-
3	Edmonton *WW* - - -	7483	13860	12	18	1	6	-	1	1	-	1	-	-	-	-
4	Enfield *WH* - - -	12653	16054	6	4	-	1	-	-	-	-	-	-	-	-	-
5	Waltham Abbey - - -	11017	5197	1	1	-	1	-	-	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	6	2	-	-	-	-	-	-	-	-	-	-	-
134 : 1	Hatfield (*part of*) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - - -	9028	6472	10	-	-	-	-	-	-	-	-	-	-	-	-
185 : 1	Stratford - - - -	882	23286	31	14	6	2	-	-	-	-	1	-	-	-	-
2	West Ham *WWWW* - -	7345	44642	85	38	14	9	1	1	-	-	1	-	1	-	1
3	Leyton *WW* - - -	4274	15513	15	16	2	10	-	1	-	-	1	-	-	-	-
4	Walthamstow *H* - -	6619	15701	15	4	-	1	-	-	-	-	-	-	-	1	1
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	8	4	1	-	-	-	-	-	1	-	-	-	-
188 : 1	Romford (*part of*) * - -	6730	2879	4	1	-	1	-	-	-	-	-	-	-	-	-
2	Ilford - - - - -	8492	5947	8	2	2	-	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	8	5	2	2	-	-	-	-	1	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Godst sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 9 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoidon- (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 7th December 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	
GREATER LONDON	446,494	4,450,015	27·6	2·5	2351	458	496	5	31	68	11	53	32	12	445	371
INNER LONDON -	78,080	3,577,304	29·4	2·7	2016	373	398	4	28	62	9	42	29	9	436	325
OUTER RING -	368,414	872,711	20·0	1·7	335	85	98	1	3	6	2	11	3	3	9	46

NOTE.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal to 697·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area of 368,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, of which 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than 11 miles to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,758,933 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	November 2	-	344	41·7	Cholera 15; fevers 128.
BOMBAY - -	644,405	" 5	-	520	33·1	Fevers 135.
MADRAS - -	397,552	October 25	275	338	44·2	Fevers 113.
PARIS - - -	1,988,806	December 5	-	902	23·6	Small-pox 7; typhoid fever 28.
GENEVA - -	68,792	November 30	33	39	29·6	—
BRUSSELS - -	175,782	" 23	96	89	26·4	Typhoid fever 2.
AMSTERDAM -	302,266	" 30	202	142	24·4	Typhus and typhoid fever 2.
ROTTERDAM -	142,585	" 30	120	62	22·6	—
THE HAGUE -	107,896	" 30	83	86	39·8	Measles 9.
COPENHAGEN -	220,000	December 3	177	72	17·1	Typhoid fever 2.
STOCKHOLM -	152,825	November 23	-	64	21·7	—
CHRISTIANIA -	105,000	" 30	70	44	21·4	Diphtheria and croup 4.
ST. PETERSBURGH	669,741	" 23	-	500	38·8	Small-pox 37; typhus and typhoid fevers 27.
BERLIN - -	1,019,620	" 16	843	501	25·0	Scarlet fever 29; diphtheria 22.
HAMBURG (State)	406,104	" 23	297	222	28·5	Scarlet fever 4.
DRESDEN - -	207,845	" 23	132	82	20·3	Diphtheria and croup 7; scarlet fever 3.
BRESLAU - -	267,000	" 30	194	150	29·2	Scarlet fever 3.
MUNICH - -	222,000	" 30	160	118	28·0	Diphtheria and croup 9.
VIENNA - -	727,271	" 30	561	376	26·9	Small-pox 8; diphtheria 21.
BUDA-PESTH -	319,530	" 23	247	239	39·0	Small-pox 6; typhus 14; scarlet fever 10.
ROME -	282,216	" 2	144	111	20·5	Diphtheria and croup 4; typhus & typhoid fev. 2.
NAPLES - -	457,407	October 28	-	217	24·8	Typhus and typhoid fev. 3; diphtheria 7.
TURIN - -	227,843	November 23	154	137	31·4	Diphtheria and croup 5; typhus & typhoid fev. 2.
VENICE - -	139,796	" 23	70	70	26·1	Scarlet fever 2; typhoid fever 2.
ALEXANDRIA -	212,034	" 21	158	125	30·8	Whooping-cough 8.
NEW YORK -	1,084,528	" 3	-	-	-	—
BROOKLYN -	549,438	" 2	-	219	20·7	Diphtheria 13; whooping-cough 5.
PHILADELPHIA	876,118	" 16	-	284	16·9	Diphtheria 9; scarlet fever 15.
BALTIMORE -	355,000	" 16	-	102	14·5	Diphtheria 4; typhoid fever 4.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 7th DECEMBER, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Difference. Greatest.	Difference. Least.	Difference. Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure on square foot. Greatest.	Osler's. Pressure. Least.	Osler's. Pressure. Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
DECEMBER.																										
SUN.	1	First Quarter.	29·554	39·1	33·2	5·9	36·5	35·5	42·5	32·2	41·3	39·3	1·0	2·4	0·0	− 5·2	96	Calm & S.	SW. & NE.	0·7	0·0	0·0	183	−133	0·07	0·7
MON.	2	In Equator	29·836	39·5	34·7	4·8	37·4	34·8	55·6	30·5	40·8	38·8	2·6	3·5	1·0	− 4·4	90	NNE. & N.	N. & NNW.	1·3	0·0	0·1	269	− 50	0·00	2·3
TUES.	3	..	29·986	38·4	33·7	4·7	36·9	33·8	61·0	30·8	40·1	38·3	3·1	7·1	0·8	− 4·9	89	N. & NE.	NE.&NNE.	0·9	0·0	0·1	239	− 81	0·01	2·2
WED.	4	Apogee.	30·042	41·1	33·4	7·7	37·8	32·3	46·2	29·3	39·8	38·1	5·5	7·4	2·7	− 4·0	81	N.	NNW.	2·7	0·0	0·2	293	− 28	0·00	0·8
THURS.	5	..	29·875	42·4	32·7	9·7	38·1	34·7	42·4	27·8	39·8	37·8	3·4	5·7	1·3	− 3·6	87	NW. & W.	NW. & NNW.	2·8	0·0	0·3	274	− 48	0·01	0·0
FRI.	6	..	29·815	35·3	29·1	6·2	32·9	25·1	47·2	25·0	39·3	37·5	7·8	9·4	5·6	− 8·7	73	NNW.	NW. W. & WSW.	2·8	0·0	0·4	357	+ 34	0·13	4·0
SAT.	7	..	29·457	35·9	31·7	4·2	34·5	31·5	40·0	31·7	38·8	37·3	3·0	5·4	0·0	− 7·0	89	WSW. & N.	N.	0·8	0·0	0·0	227	− 93	0·01	0·0
MEANS		..	29·795	38·8	32·6	6·2	36·3	32·5	47·8	29·6	40·0	38·2	3·8	5·8	1·7	− 5·4	86	N.		..	..	..	Sum 1842	Sum −399	Sum 0·23	1·4
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. DECEMBER.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY	1	No electricity was shown throughout the week.	0·0	8·1	Overcast. Occasional rain.
MONDAY	2		0·0	8·1	Overcast.
TUESDAY	3		1·6	8·0	Overcast with a little snow in morning, partially cloudy till evening, with thin rain in afternoon; cloudless at night.
WEDNESDAY	4		0·0	8·0	Fine with hoar frost in morning; overcast afterwards.
THURSDAY	5		0·0	8·0	Overcast. Fog. Thin rain in afternoon and evening.
FRIDAY	6		1·8	8·0	Hoar frost in morning, very fine till afternoon; overcast afterwards, with heavy fall of snow at night.
SATURDAY	7		0·0	7·9	Overcast generally. Slight fall of snow and sleet at night.
..		..	Sum 3·4	Sum 56·1	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and − "*lower*," than the average.

The temperature of the water of the Thames s ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Sir E. Y. W. Henderson, R.E., K.C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29·80 in. at the beginning of the week to 29·52 in. by 8h. P.M. on the 1st of December; increased to 30·06 in. by 9h. A.M. on the 4th; and decreased to 29·42 in. by

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
16th December, 1878.

United Kingdom.

During last week 5467 *births* and 4484 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality from all causes was at the average rate of 28 deaths annually in every 1000 persons living. The annual death-rate was 19 per 1000 in Edinburgh, 30 in Glasgow, and 38 in Dublin; small-pox caused 8 deaths in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Portsmouth 19, Newcastle-on-Tyne 20, Hull 21, Brighton 22, Norwich 23, Leicester 24, London 25, Sunderland 25, Nottingham 26, Plymouth 28, Sheffield 28, Oldham 29, Birmingham 31, Leeds 31, Salford 33, Bradford 34, Bristol 35, Wolverhampton 35, Manchester 35, and the highest rate 38 in Liverpool. The annual death-rate from the seven principal zymotic diseases averaged 3·4 per 1000 in the twenty towns, and ranged from 0·8 and 1·5 in Bristol and Brighton, to 6·5 both in Liverpool and in Sunderland. The deaths from scarlet fever in the twenty towns, which had been 223 and 197 in the two preceding weeks, further declined to 177 last week; the greatest proportional fatality occurred in Liverpool, Sunderland, Oldham, and Birmingham. Diphtheria caused 4 deaths in Birmingham. No fatal case of small-pox was recorded in any of the nineteen large provincial towns, whereas 17 were registered in London.

London.

In London 2397 births and 1698 deaths were registered. Allowing for increase of population, the births were 77, and the deaths 89, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in each of the two previous weeks, had been equal to 23·7 per 1000 (after correction for the 389 deaths due to drowning through the collision between the "Bywell Castle" and the "Princess Alice," and registered during the week ending 7th instant,) rose last week to 24·8.

The 1698 deaths included 17 from small-pox, 34 from measles, 46 from scarlet fever, 14 from diphtheria, 47 from whooping-cough, 33 from different forms of fever, and 11 from diarrhœa; thus to the seven principal diseases of the zymotic class 202 deaths were referred, against 218 and 183 in the two preceding weeks. These 202 deaths were 87 below the corrected average number from the same diseases in the corresponding week of the last ten years, and were equal to an annual rate of 2·9 per 1000. The fatal cases of scarlet fever, which had been 70 and 62 in the two preceding weeks, further declined to 46 last week, and were 39 below the corrected average; 7 occurred in Fulham and Hammersmith, 7 in Hackney, 4 in Islington, and 4 in Lambeth. The Metropolitan Asylum Hospitals contained 188, and the London Fever Hospital 85, scarlet fever patients on Saturday last. The 34 deaths from measles exceeded the numbers in recent weeks, but were considerably below the average; measles showed the greatest fatality in South London, where the disease caused 6 deaths in Bermondsey and 10 in Lambeth. The 47 fatal cases of whooping-cough also showed an increase upon recent weekly numbers, and included 5 in Kensington, 4 in St. Luke's, and 6 in Bow and Poplar. The deaths referred to diphtheria, which in the eight preceding weeks had ranged between 7 and 13, rose to 14 last week, of which 2 occurred in Islington, 2 in St. George-in-the-East (both of which occurred in Richard Street), and 2 in Lambeth. The fatal cases of fever, which had been 52 and 29 in the two preceding weeks, were 33 last week, and 6 below the corrected average; 2 were certified as typhus, 26 as enteric or typhoid, and 5 as simple continued fever. The 2 fatal cases of typhus occurred:—at 183, Grange Road, Bermondsey; and at 33, Mornington Road, Deptford. The 26 deaths from enteric fever included 2 in Kensington, 2 in Hackney, 2 in Newington, 4 in Lambeth, 2 in Peckham, and 3 in Deptford and Greenwich. The death of a child, aged 5 years, at 95, Westbourne Street,

Belgrave sub-district, St. George, Hanover Square, on 11th instant, was referred to typhoid fever, 15 days; this child is reported to have died in a "cellar totally unfit for human habitation." The Metropolitan Asylum Hospitals contained 103, and the London Fever Hospital 15, enteric fever patients on Saturday last; there were then 11 cases of typhus in these hospitals.

The deaths from small-pox, which had been but 8 and 4 in the two previous weeks, rose to 17 last week, a higher number than in any week since the beginning of August last; 11 were recorded in the Metropolitan Asylum Hospital at Deptford, and 6 in private dwelling-houses. Of the 6 in private dwelling-houses, 5 occurred in Deptford, and one in Newington; the 5 in Deptford included 4 of children under 5 years of age, 3 of whom were certified to be unvaccinated, and one to be vaccinated. The number of small-pox patients in the Metropolitan Asylum Hospitals, which had steadily increased in the eight preceding weeks from 91 to 196, were 198 on Saturday last; 40 new cases were admitted to these hospitals during last week, against 30, 39, and 61 in the three previous weeks. The Highgate Small-pox Hospital contained 5 patients on Saturday last.

The deaths referred to diseases of the respiratory organs, which had been 428, 441, and 460 in the three previous weeks, further rose to 501 last week, and exceeded the corrected weekly average by 15; 350 resulted from bronchitis, and 101 from pneumonia.

Different forms of violence caused 46 deaths; 43 were the result of negligence or accident, including 16 from fractures and contusions, 6 from burns and scalds, 5 from drowning, and 9 of infants under one year of age from suffocation. The 16 deaths from fractures and contusions were thus caused:—males aged 15 years and 2 years respectively, run over by vans; female 76, run over by cart; male 36, thrown from cab; male 27, run over on London, Chatham, and Dover Railway; females 85 and 61, fell down stairs; male 65, fell down stairs (intoxicated); female one, fell from window; male 35, fell from height; male 26, fell into ship's hold; male 39, and female 82, fell in street; male 28, by earth falling upon him; male 28, by injuries from circular saw; and male 61, by fracture of skull (not stated how). An inquest was held in each of these 16 cases.

In the large Public Institutions 329 deaths were recorded, or 19 per cent. of the total deaths; of these 212 occurred in Workhouse Establishments, 111 in Hospitals, and 6 in Lunatic Asylums. The London Fever Hospital contained 109 patients on Saturday last.

Greater London.

In the Greater London 2944 births and 2014 deaths were registered, equal to annual rates of 34·5 and 23·6 per 1000 of the population. In the Outer Ring 11 fatal cases of scarlet fever were recorded, of which 2 occurred in Brentford, 2 in Twickenham, and 2 in Walthamstow sub-districts. Diphtheria caused 2 deaths in Croydon, and 2 in Enfield sub-districts. Four deaths from whooping-cough occurred in Barnet and Finchley, and 2 in Croydon.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 44, Bombay 32, Madras 45; Paris 24; Geneva 24; Brussels 23; Amsterdam 22, Rotterdam 19, The Hague 29; Copenhagen 23; Stockholm 16; Christiania 16; St. Petersburgh 35; Berlin 24, Hamburg 28, Dresden 23, Breslau 26, Munich 30; Vienna 28; Buda-Pesth 31; Naples 23, Turin 31, Venice 29; Alexandria 40; New York 22, Brooklyn 21, Philadelphia 18, and Baltimore 18.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·53 in.; the lowest reading was 29·29 in. on Sunday, and the highest 29·71 in. on Wednesday morning. The mean temperature of the *air* was 28°·4, and 12°·5 below the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from observations at the Royal Observatory. The mean was very considerably below the average on each day of the week; the coldest day was Friday, when the mean was but 25°·8, and showed a deficiency of 14°·8. The lowest night temperature was 20°·5 on Saturday, and the highest day temperature in the shade 34°·4 on Sunday; the extreme range in the week was, therefore, 13°·9. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 63°·2 on Friday. The difference between the mean *dew-point* and *air* temperature averaged 2°·1. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police Ship, was 36°·7. The mean degree of *humidity* of the air was 92, complete saturation being represented by 100; the air was, therefore, damp. The general direction of the *wind* was North, and the horizontal movement of the air averaged 5·5 miles per hour, which was 7·2 below the average in the corresponding week of 16 years. No rain or melted snow was measured during the week. The duration of registered bright sunshine in the week was 3·6 hours, the sun being above the horizon during 54·9 hours; the recorded duration of sunshine was, therefore, equal to 6 per cent. of its possible duration. No ozone was measured during the first six days of the week, and but little on Saturday.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, 14th December, 1878.

CITIES AND BOROUGHS. (Municipal Boundaries, except for LONDON and DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 14th December, 1878.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN-FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
23 TOWNS in the UNITED KINGDOM	220,307	8,373,953	38·0	5467	4484	43·5	9·0	28·3	−2·06	0·32	0·81
LONDON	75,362	3,577,304	47·5	2397	1698	34·4	20·5	28·4	−2·01	0·00	0·00
BRIGHTON	2,354	103,923	44·1	48	44	35·0	24·0	29·2	−1·56	0·21	0·53
PORTSMOUTH	4,486	129,461	28·9	73	46	–	–	–	–	–	–
NORWICH	7,472	84,620	11·3	46	37	37·0	19·5	28·1	−2·17	0·11	0·28
PLYMOUTH	1,395	73,599	52·8	34	40	43·5	20·5	31·4	−0·34	0·26	0·66
BRISTOL	4,452	206,419	46·4	149	138	36·3	19·8	28·1	−2·17	0·01	0·03
WOLVERHAMPTON	3,396	74,240	21·9	34	50	35·8	16·6	25·4	−3·67	0·08	0·20
BIRMINGHAM	8,400	383,117	45·6	295	227	–	–	–	–	–	–
LEICESTER	3,200	121,473	38·0	100	57	33·5	18·2	26·7	−2·95	0·03	0·08
NOTTINGHAM	9,960	165,267	16·6	105	83	37·5	18·0	26·9	−2·84	0·03	0·08
LIVERPOOL	5,210	532,681	102·2	331	384	36·0	22·6	29·1	−1·61	0·22	0·56
MANCHESTER	4,293	360,514	84·0	249	244	–	–	–	–	–	–
SALFORD	5,170	170,251	32·9	124	109	–	–	–	–	–	–
BOLTON	4,666	107,366	23·0	71	60	–	–	–	–	–	–
BRADFORD	7,220	185,088	25·6	123	121	37·7	16·2	27·7	−2·39	0·00	0·00
LEEDS	21,572	304,948	14·1	177	181	39·0	19·0	30·1	−1·06	0·03	0·08
SHEFFIELD	19,651	289,537	14·7	187	158	–	–	–	–	–	–
HULL	3,635	143,139	39·4	102	57	–	–	–	–	–	–
SUNDERLAND	2,768	112,459	40·6	86	54	36·0	13·0	28·9	−1·73	2·06	5·23
NEWCASTLE-ON-TYNE	5,371	144,570	26·9	82	56	–	–	–	–	–	–
EDINBURGH	4,191	222,371	53·1	119	80	35·0	9·0	28·0	−2·22	–	–
GLASGOW	6,033	566,940	94·0	365	330	–	–	–	–	–	–
DUBLIN	10,050	314,666	31·3	170	230	38·5	16·0	28·7	−1·84	1·14	2·90

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.
† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven and a quarter years' increase, calculated on the rate that prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday, 14th December, 1878.

BOROUGHS, &c. (Municipal Boundaries, except for LONDON and DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
				Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.		
In 20 TOWNS	27·6	3·4	3844	812	947	17	58	177	24	105	63	36	110	207	587
LONDON	24·8	2·9	1698	346	474	17	34	46	14	47	33	11	46	93	329
BRIGHTON	22·1	1·5	44	6	15	–	1	–	–	–	1	1	1	3	3
PORTSMOUTH	18·5	2·4	46	11	9	–	–	3	–	–	3	–	2	3	–
NORWICH	22·8	1·8	37	9	14	–	–	–	–	2	–	1	1	2	2
PLYMOUTH	28·3	2·1	40	7	14	–	–	1	1	1	–	–	–	1	2
BRISTOL	34·9	0·8	138	43	39	–	–	1	–	2	–	–	2	3	14
WOLVERHAMPTON	35·1	3·5	50	12	14	–	3	1	–	1	–	–	1	1	11
BIRMINGHAM	30·9	5·7	227	52	44	–	3	23	4	8	2	2	14	26	41
LEICESTER	24·5	3·0	57	10	14	–	3	1	–	2	–	1	1	2	7
NOTTINGHAM	26·2	1·9	83	18	24	–	–	1	–	3	1	1	1	3	10
LIVERPOOL	37·6	6·5	384	62	83	–	5	40	3	7	9	2	19	19	62
MANCHESTER	35·3	2·5	244	48	46	–	4	6	–	3	1	3	3	19	36
SALFORD	33·4	3·7	109	27	23	–	2	6	–	–	2	2	2	5	12
BOLTON	29·2	4·9	60	10	7	–	–	7	–	1	1	1	1	1	3
BRADFORD	34·1	3·4	121	29	21	–	–	7	1	3	1	–	4	5	7
LEEDS	31·0	4·4	181	39	41	–	2	13	–	5	1	5	2	8	13
SHEFFIELD	28·5	4·0	158	52	29	–	–	5	1	14	–	2	1	5	13
HULL	20·8	2·9	57	7	16	–	–	1	–	4	2	1	5	4	8
SUNDERLAND	25·1	6·5	54	9	14	–	–	8	–	1	3	2	2	2	7
NEWCASTLE-ON-TYNE	20·2	4·7	56	15	6	–	1	7	–	1	3	1	2	2	7
DUBLIN	38·1	4·3	230	25	64	8	2	2	–	5	8	1	4	–	84

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the FIFTIETH Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2183	2229	2111	2263	2225	2058	2426	2539	2546	2542	2312 2	2397
Males . .	1145	1145	1092	1134	1142	1047	1266	1289	1295	1293	1184·8	1263
Females .	1038	1084	1019	1129	1083	1011	1160	1250	1251	1249	1127·4	1134
TOTAL **Deaths**	1486	1566	1737	2121	1199	1759	1947	1834	1443	1613	1670·5	1698
Males . .	755	793	897	1036	636	894	989	976	750	800	852·6	877
Females .	731	773	840	1035	563	865	958	858	693	813	817·9	821

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2	Nov. 9.	Nov. 16.	Nov. 23.	Nov 30	Dec. 7.	Dec. 14.
TOTAL **Deaths** - - -	1250	1355	1355	1418	1369	1446	1386	1590	1665	1547	1624	2016	1698
0—20 - -	597	654	677	679	695	720	679	734	771	703	764	878	729
20—40 - -	183	214	188	198	194	196	187	206	216	181	176	364	201
40—60 - -	231	257	230	241	223	251	252	285	282	277	303	376	294
60—80 - -	198	191	216	241	206	234	225	304	326	327	309	331	383
at 80 years & upwds.	41	39	44	59	51	45	43	61	70	59	72	67	91
Deaths of children: Under 1 year -	326	336	380	344	378	355	376	367	369	345	366	373	346
Deaths of children: 1—5 - - -	195	228	208	231	228	263	218	282	282	247	267	289	279
Deaths of children: 5—20 - -	76	90	89	104	89	102	85	85	120	111	131	216	104
Deaths from 7 principal Zymotic Diseases	193	192	190	191	171	173	154	193	206	160	218	183	202
" " Smallpox - -	4	2	4	5	5	4	3	9	16	7	8	4	17
" " Measles - -	2	6	19	13	10	18	15	18	22	18	28	28	34
" " Scarlet Fever -	24	30	34	33	45	46	49	60	64	54	70	62	46
" " Diphtheria -	10	13	20	17	12	12	10	11	13	11	7	9	14
" " Whooping-cough	43	53	40	52	33	33	22	33	43	31	39	42	47
" " Typhus fever -	-	1	2	1	2	-	1	3	6	3	8	2	2
" " Enteric (or Typhoid) fever -	25	20	22	31	24	30	27	31	29	18	38	22	26
" " Simple Contd fever	5	6	4	2	4	-	6	2	2	3	6	5	5
" " Diarrhœa - -	80	61	45	37	36	30	21	26	11	15	14	9	11
" " Simple Cholera -	1	-	-	-	-	-	-	-	1	1	-	-	-
" " Dis. of Respiratory Organs -	215	213	247	286	326	347	353	434	431	428	441	460	501
" " Phthisis - -	161	182	182	159	168	169	172	162	188	165	158	157	161
" " Heart Diseases -	62	81	83	95	68	78	85	98	127	93	120	112	109
Violent Deaths - - -	56	52	30	51	50	63	41	50	47	46	58	436	46
Inquest Cases - - -	85	100	61	109	82	106	80	109	91	99	115	496	93
Deaths in Public Institutions	241	269	213	285	262	268	271	307	314	284	320	325	329
TEMPERATURE OF THE AIR:													
Mean - - - -	54 4	52·2°	55·8°	56 9°	51·9	50·3	41·0°	38·8	39·8°	40·6°	39·0	36·3	28·4°
Mean of Highest readings -	64·0	61·0	66·1	64·2	58·0	58·2	47·1	44·4	43·3	44·7	43·6	38·8	31·9
Mean of Lowest readings -	47·0	44·0	47·6	51·3	45·5	44·3	35·4	32 9	35·6	36·6	34·6	32·6	25·3
Mean Temperature of the Water of the Thames -	61·4	57·7	57·6	58·6	56·2	54·7	49·1	44·1	41·7	41·3	41·9	39·1	36·7
Humidity of the Air - -	79	85	81	78	85	85	89	82	90	85	92	86	92
Rain-fall in inches - -	0·49	0·19	0·13	0·54	0·00	0 98	0·14	0·10	1·74	0·12	1·48	0·23	0 00
Registered Sunshine (in hours)	34·6	9·6	41·0	31·3	18·0	15·6	11·2	15·5	4·8	11·8	4·1	3·4	3·6

METEOROLOGICAL OBSERVATIONS. (*See* TABLE **1.**)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich: John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool: T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FIFTIETH Week of the Year 1878.

CAUSES OF DEATH.	Average in the Fiftieth Weeks of the 10 years 1868–77.*	In the Week ending Saturday, December 14, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature -	39·9°	Mean Tem. 28·4°							
ALL CAUSES - -	1670·5	1698	346	279	104	201	294	383	91
SPECIFIED CAUSES	1662·0	1695	344	279	104	201	294	382	91
I. ZYMOTIC.									
ORDER 1.									
Small-pox - - -	27·6	17	5	3	4	3	2	-	-
Measles - - -	53·7	34	4	26	4	-	-	-	-
Scarlet Fever - -	79·6	46	6	29	9	2	-	-	-
Diphtheria - -	8·3	14	1	6	4	2	1	-	-
Quinsy - - -	1·1	1	-	1	-	-	-	-	-
Croup - - -	13·5	15	4	9	2	-	-	-	-
Whooping-cough -	51·4	47	23	21	3	-	-	-	-
Typhus - - -	36·8 (Enteric or Typhoid Fev.)	2	-	1	1	-	-	-	-
Enteric or Typhoid Fev.		26	-	6	14	6	-	-	-
Simple continued Fev.		5	-	2	1	1	-	1	-
Erysipelas - -	11·1	6	2	-	-	-	1	3	-
Puerperal Fev. (Metria)	6·2	4	-	-	-	4	-	-	-
Carbuncle - -	·8	1	-	-	-	-	-	1	-
Influenza - - -	1·1	1	-	-	-	-	-	1	-
Dysentery - -	·7	1	-	-	-	-	-	1	-
Diarrhœa - - -	12·7	11	7	-	-	-	-	4	-
Simple Cholera - -	·1	-	-	-	-	-	-	-	-
Ague - - - -	·4	-	-	-	-	-	-	-	-
Remittent Fever -	·3	-	-	-	-	-	-	-	-
Rheumatism - -	9·6	10	-	-	3	2	2	3	-
Other *Zymotic* Diseases	·6	1	-	1	-	-	-	-	-
ORDER 2.									
Syphilis - - -	7·0	11	7	-	-	4	-	-	-
Stricture of Urethra -	1·2	2	-	-	-	1	1	-	-
Hydrophobia - -	—	-	-	-	-	-	-	-	-
Glanders - - -	·1	-	-	-	-	-	-	-	-
ORDER 3.									
Privation - - -	·7	-	-	-	-	-	-	-	-
Want of Breast-milk	8·9	9	9	-	-	-	-	-	-
Purpura and Scurvy -	2·7	3	-	3	-	-	-	-	-
Alcoholism { *a* Del. Tremens	1·5	1	-	-	-	1	-	-	-
Alcoholism { *b* Intemperance	1·8	1	-	-	-	-	1	-	-
ORDER 4.									
Thrush - - -	2·2	-	-	-	-	-	-	-	-
Worms, &c. - -	·7	-	-	-	-	-	-	-	-
CONSTITUTIONAL.									
ORDER 1.									
Gout - - - -	2·6	3	-	-	-	-	1	2	-
Dropsy - - -	12·3	3	-	-	2	-	-	1	-
Cancer - - -	83·6	36	-	-	1	6	16	13	-
Cancrum Oris (Noma)	·3	-	-	-	-	-	-	-	-
Mortification - -	4·2	2	-	-	-	-	-	1	1
ORDER 2.									
Scrofula - - -	9·4	14	3	6	1	-	4	-	-
Tabes Mesenterica -	17·9	17	7	8	2	-	-	-	-
Phthisis - - -	169·6	161	1	2	16	75	60	6	1
Hydrocephalus - -	24·9	24	9	13	2	-	-	-	-
III. LOCAL.									
ORDER 1.									
Cephalitis - - -	15·6	13	2	6	2	-	1	2	-
Apoplexy - - -	49·3	78	3	2	2	7	21	38	5
Paralysis - - -	36·3	37	-	-	1	1	11	21	3
Insanity - - -	2·9	2	-	-	-	-	-	1	1
Chorea - - -	·5	-	-	-	-	-	-	-	-
Epilepsy - - -	6·9	7	-	-	-	2	2	2	1
Convulsions - -	52·5	47	38	8	1	-	-	-	-
Brain Disease, &c. -	19·2	25	-	3	-	1	6	13	2
ORDER 2.									
Pericarditis - -	2·6	4	-	-	-	1	1	1	1
Aneurism - - -	3·2	6	-	-	-	-	6	-	-
Heart Disease, &c. -	81·1	99	-	1	9	19	39	26	5
ORDER 3.									
Laryngitis - - -	10·1	7	3	2	-	1	1	-	-
Bronchitis - - -	286·2	350	59	51	5	12	54	146	23
Pleurisy - - -	5·7	3	-	2	-	-	-	-	1
Pneumonia - -	107·8	101	24	35	5	13	9	14	1
Asthma - - -	17·2	12	-	-	-	-	4	7	1
Lung Disease, &c. -	27·3	28	12	4	1	2	4	3	2

CAUSES OF DEATH.	Average in the Fiftieth Weeks of the 10 years 1868–77.*	In the Week ending Saturday, December 14, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature -	39·9°	Mean Tem. 28·4°							
ORDER 4.									
1. Gastritis - - -	1·7	2	1	-	-	-	-	1	-
2. Enteritis - - -	5·5	5	1	-	-	3	1	-	-
3. Peritonitis - - -	6·0	2	-	-	-	1	-	1	-
4. Ascites - - -	2·4	1	-	-	-	-	-	1	-
5. Ulceration of Intestines	2·6	1	-	-	-	-	-	1	-
6. Hernia - - -	5·3	4	-	-	-	-	1	3	-
7. Ileus - - - -	3·0	5	1	-	-	-	1	2	1
8. Intussusception -	1·0	3	1	1	-	-	-	1	-
9. Stricture of Intestines	1·5	-	-	-	-	-	-	-	-
10. Fistula - - -	·4	1	-	-	-	-	-	1	-
11. *Stomach Disease, &c.* -	6·2	12	1	-	1	2	2	6	-
12. *Pancreas Disease, &c.*	—	-	-	-	-	-	-	-	-
13. Hepatitis - - -	2·9	2	-	-	-	1	1	-	-
14. Jaundice - - -	2·9	2	-	-	-	1	1	-	-
15. *Liver Disease, &c.* -	16·3	22	-	-	-	3	14	5	-
16. *Spleen Disease, &c.* -	·4	1	1	-	-	-	-	-	-
ORDER 5.									
1. Nephritis - - -	3·0	2	-	1	1	-	-	-	-
2. Ischuria - - -	·5	-	-	-	-	-	-	-	-
3. Bright's Dis. (Nephria)	11·2	21	-	2	-	4	9	6	-
4. Diabetes - - -	1·8	3	-	-	-	1	1	1	-
5. Calculus (Stone) -	1·1	1	-	-	-	1	-	-	-
6. Cystitis - - -	1·7	1	-	-	-	-	1	-	-
7. *Kidney Disease, &c.* -	8·0	7	-	-	1	-	2	3	1
ORDER 6.									
1. Ovarian Dropsy -	·2	6	-	-	-	2	2	2	-
2. *Uterus Disease, &c.* -	6·3	4	-	-	-	1	3	-	-
ORDER 7.									
1. Synovitis (Arthritis)	·6	-	-	-	-	-	-	-	-
2. *Joint Disease, &c.* -	5·6	6	-	3	2	-	-	1	-
ORDER 8.									
1. Phlegmon - - -	3·1	6	1	1	2	1	1	-	-
2. Ulcer - - - -	1·1	-	-	-	-	-	-	-	-
3. *Skin Disease, &c.* -	1·7	-	-	-	-	-	-	-	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth -	22·9	25	25	-	-	-	-	-	-
2. Cyanosis - - -	2·5	2	2	-	-	-	-	-	-
3. Spina Bifida - -	1·0	1	1	-	-	-	-	-	-
4. Other Malformations	1·8	2	2	-	-	-	-	-	-
5. Teething - - -	11·7	17	9	8	-	-	-	-	-
ORDER 2.									
1. Paramenia - - -	·3	-	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever) - -	6·3	1	-	-	-	1	-	-	-
ORDER 3.									
1. Old Age - - -	61·0	63	-	-	-	-	-	24	39
ORDER 4.									
1. Atrophy and Debility	56·4	70	57	6	-	-	1	6	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. OR NEGLIGENCE.)									
1. Fractures & Contusions	18·9	16	-	2	1	7	-	4	2
2. Wounds { Gunshot	·6	-	-	-	-	-	-	-	-
2. Wounds { Cut, Stab		-	-	-	-	-	-	-	-
3. Burns and Scalds -	7·8	6	1	4	1	-	-	-	-
4. Poison - - -	1·0	1	1	-	-	-	-	-	-
5. Drowning - - -	4·1	5	-	-	-	3	1	1	-
6. Suffocation - -	10·3	13	9	-	-	1	2	1	-
7. Otherwise - - -	4·2	2	-	-	-	1	1	-	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	1·6	1	1	-	-	-	-	-	-
ORDER 4. (SUICIDE.)									
1 Wounds { Gunshot -	·2	-	-	-	-	-	-	-	-
1 Wounds { Cut, Stab -	·9	-	-	-	-	-	-	-	-
2. Poison - - -	·4	1	-	-	-	1	-	-	-
3. Drowning - - -	1·0	1	-	-	-	-	1	-	-
4. Hanging - - -	1·0	-	-	-	-	-	-	-	-
5. Otherwise - - -	·2	-	-	-	-	-	-	-	-
ORDER 5. (EXECUTION.)									
1. Hanging - - -	·3	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - -	1·4	-	-	-	-	-	-	-	-
Causes not specified or ill-defined - - -	7·1	3	2	-	-	-	-	1	-

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered ing 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, nslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARL during the Week endi

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,254,260	2397	1698	346	474	17	34	46	14	47	2	26	5	11	46	93
WEST DISTRICTS	561,359	357	276	56	84	-	3	11	1	8	-	4	-	2	5	10
NORTH DISTRICTS	751,729	543	368	80	98	-	2	16	4	10	-	2	-	4	5	21
CENTRAL DISTRICTS	334,369	153	125	29	35	-	-	1	2	8	-	1	-	2	6	10
EAST DISTRICTS	639,111	486	356	74	97	-	9	6	4	12	-	5	3	3	15	32
SOUTH DISTRICTS	967,692	858	573	107	160	17	20	12	3	9	2	14	2	-	15	20
WEST DISTRICTS.																
St. Mary Paddington *WH* G.J. & W.M.	58728	44	25	6	11	-	-	-	-	-	-	-	-	-	1	1
St. John Paddington *H* - - G.J.	38085	10	9	2	2	-	-	-	-	-	-	1	-	-	2	2
Kensington Town *W* - - - W.M.	91645	61	60	12	14	-	1	1	-	5	-	2	-	1	-	3
Brompton *H* - - - W.M. & C.	28654	10	10	-	6	-	-	-	-	-	-	-	-	-	-	-
St. Peter Hammersmith - - W.M.	6662	3	1	-	-	-	-	1	-	-	-	-	-	-	-	-
St. Paul Hammersmith *H* W.M. & G.J.	36029	35	29	9	8	-	-	4	-	1	-	-	-	-	-	-
Fulham *WwH* - - - W.M. & C.	23350	25	22	6	6	-	-	2	-	-	-	-	-	-	1	1
Chelsea South *HHH* - - - C.	26420	21	16	6	7	-	-	-	-	1	-	-	-	1	-	-
Chelsea North-west *WHHHH* - C.	22926	25	17	3	5	-	2	-	-	-	-	-	-	-	-	-
Chelsea North-east - - - C.	21392	9	7	3	2	-	-	-	-	-	-	-	-	-	-	2
Hanover Square *H* - - - G.J.	18698	10	5	-	1	-	-	-	-	-	-	-	-	-	-	-
May Fair *WW* - - - - G.J.	13358	6	4	1	1	-	-	-	-	-	-	-	-	-	-	-
Belgrave *HH* - - - - C.	57972	31	21	3	6	-	-	1	-	-	-	1	-	-	-	-
St. John Westminster *HH* - - C.	38478	25	13	1	3	-	-	-	1	-	-	-	-	-	-	-
St. Margaret Westminster *WH* - C.	27781	15	11	1	3	-	-	-	-	-	-	-	-	-	1	1
Golden Square *WH* - - - G.J.	12860	4	8	-	6	-	-	-	-	-	-	-	-	-	-	-
Berwick-street *H* - N.R. & G.J.	20759	8	5	2	1	-	-	-	-	1	-	-	-	-	-	-
St. Anne Soho *HHHHH* - - N.R.	17562	15	13	1	2	-	-	2	-	-	-	-	-	-	-	-
NORTH DISTRICTS.																
All Souls Marylebone *HHHH* - W.M.	28579	17	19	4	3	-	-	-	-	-	-	-	-	-	2	2
Cavendish Square *HH* - - - W.M.	15425	2	5	-	2	-	-	1	-	-	-	-	-	-	-	-
Rectory Marylebone *WH* G.J. & W.M.	26384	17	29	4	12	-	-	-	-	-	-	-	-	-	-	1
St. Mary Maryleb. *HHH* G.J. & W.M.	21786	15	10	2	3	-	-	-	-	-	-	-	-	-	-	1
Christchurch Marylebone *H* - W.M.	33944	21	15	5	3	-	-	1	-	-	-	-	-	-	1	2
St. John Marylebone *H* - - W.M.	33136	15	17	5	6	-	-	1	-	1	-	-	-	2	-	2
Hampstead *WwHH* - N.R. & W.M.	32281	18	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Regent's Park Pancras - - - W.M.	38200	22	8	-	1	-	-	-	-	1	-	-	-	-	-	1
Tottenham-court *wHHH* N.R. & W.M.	29370	10	19	2	5	-	-	-	-	-	-	-	-	-	1	2
Gray's Inn Lane *HHH* - - N.R.	29221	16	6	3	1	-	-	-	-	-	-	-	-	-	-	1
Somers Town - - - - N.R.	38533	23	14	5	2	-	-	-	1	-	-	-	-	-	-	2
Camden Town *WH* - - - N.R.	17943	23	18	3	10	-	-	-	-	-	-	-	-	1	-	1
Kentish Town *w* - - - - N.R.	68198	59	44	8	15	-	-	1	-	2	-	-	-	-	-	2
Islington West *HHH* - - N.R.	97820	80	43	10	7	-	1	2	1	2	-	-	-	1	1	1
Islington East *WWwwH* - - N.R.	115958	86	50	9	9	-	-	2	1	1	-	-	-	-	-	3
Stoke Newington *H* - - - N.R.	9841	17	9	2	2	-	1	1	-	-	-	-	-	-	-	-
Stamford Hill - - - - E.L.	6598	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney - - - - N.R.	28069	31	15	7	5	-	-	-	-	1	-	-	-	-	-	-
Hackney *WwwHL* - - E.L. & N.R.	50104	35	27	9	6	-	-	6	1	2	-	1	-	-	-	-
South Hackney - - - - E.L.	30339	33	15	2	6	-	-	1	-	-	-	1	-	-	-	-
CENTRAL DISTRICTS.																
St. George Bloomsbury - - N.R.	17853	8	11	1	3	-	-	-	-	2	-	-	-	-	-	1
St. Giles South *WH* - - - N.R.	19109	5	10	1	6	-	-	-	-	-	-	-	-	-	-	-
St. Giles North - - - - N.R.	16594	14	3	1	-	-	-	-	-	1	-	-	-	-	-	-
St. Martins-in-the-Fields* - N.R. & C.	21238	5	10	1	3	-	-	1	-	-	-	-	-	-	-	-
St. Mary-le-Strand - - - N.R.	9378	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes *H* - - - N.R.	10723	4	7	3	2	-	-	-	-	-	-	-	-	1	-	-
St. George-the-Martyr *HHHHH* N.R.	20521	8	6	2	2	-	-	-	1	-	-	-	-	-	-	-
St. Andrew Eastern *W* - - N.R.	13529	3	4	1	2	-	-	-	-	-	-	-	-	-	-	-
Saffron Hill *H* - - - - N.R.	9066	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell *W* - - N.R.	18917	7	3	1	1	-	-	-	-	-	-	-	-	-	-	1
Amwell Clerkenwell - - - N.R.	16884	10	2	2	-	-	-	-	-	-	-	-	-	-	1	1
Pentonville - - - - - N.R.	13337	15	7	3	2	-	-	-	-	1	-	-	-	1	-	-
Goswell-street - - - - N.R.	16242	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Old-street *H* - - - - N.R.	12161	7	3	1	-	-	-	-	-	-	-	-	-	-	-	-
City-road *HHL* - - - - N.R.	18301	12	12	2	4	-	-	-	-	1	-	-	-	-	-	-
Whitecross-street - - - - N.R.	13792	5	7	3	1	-	-	-	-	-	-	-	-	-	1	3
Finsbury - - - - - N.R.	10741	9	6	2	1	-	-	-	-	3	-	-	-	-	-	-
St. Botolph *H* - - - N.R. & E.L.	14540	9	5	-	2	-	-	-	-	-	-	-	-	-	-	-
Cripplegate - - - - - N.R.	13638	3	1	-	-	-	-	-	-	-	-	1	-	-	-	-
St. Sepulchre *H* - - - - N.R.	7562	2	20	2	4	-	-	-	1	-	-	-	-	-	4	4
St. Bride *W* - - - - - N.R.	11185	2	5	1	2	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard - - - - N.R.	4426	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch - - - - N.R.	6270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe - - - - - N.R.	4753	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking - - - N.R.	5764	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street *H* - - - - N.R.	7845	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-

* On 1st August the sub-districts of Long Acre and Charing Cross were united for registration purposes under the name of St. Martins-in Fields sub-district.

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—W house; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it st see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. sig Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East Lon and K. the Kent Company.

Diphtheria, Whooping-cough, Fever, Diarrhœa, Violence, &c., registered in each Sub-district y, 14th December 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The Deaths registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
East Districts.																	
l Shoreditch - N.R. & E.L.	12430	2	4	-	-	-	-	-	-	-	-	-	-	-	-	1	-
ard Shoreditch HL† - N.R.	16545	10	8	3	-	-	-	-	-	-	-	-	-	-	-	-	1
New Town w - - N.R.	27835	18	11	2	2	-	-	-	-	-	-	-	-	-	-	3	2
Old Town - - N.R.	26933	24	8	3	3	-	-	-	-	-	-	-	-	-	-	-	-
ton WH - - N.R. & E.L.	43421	36	27	7	7	-	-	2	-	2	-	1	-	-	2	3	7
road H - - - - E.L.	29822	23	12	3	2	-	2	-	-	-	-	-	1	-	-	-	1
Bethnal Green WHL† - E.L.	42433	42	31	4	12	-	-	1	-	1	-	-	-	-	1	2	15
Bethnal Green - - - E.L.	26577	18	15	2	2	-	2	2	-	-	-	-	-	-	1	1	-
ethnal Green - - - E.L.	21272	18	5	1	3	-	1	-	-	-	-	-	-	-	1	1	-
ds H - - E.L. & N.R.	22499	14	9	3	2	-	-	-	-	1	-	-	-	1	-	1	-
l New Town W - E.L.	15550	13	12	1	5	-	-	1	-	-	-	-	-	-	-	-	7
apel North - E.L. & N.R.	11597	3	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
apel Church H - - E.L.	7322	3	20	-	4	-	-	-	-	-	-	-	-	-	4	5	16
i's Fields - - - E.L.	10381	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-
- - - - - N.R. & E.L.	9224	6	5	-	2	-	-	-	-	-	-	-	-	-	-	2	-
St. George East - - E.L.	17900	8	5	1	1	-		-	-	-	-	-	-	-	1	1	-
St. George East - - E.L.	21350	14	9	1	2	-	-	-	2	-	-	1	1	-	-	-	-
St. George East W - E.L.	8802	3	10	-	4	-	-	-	-	-	-	-	-	-	-	-	8
H - - - E.L. & N.R.	11640	10	4	2	-	-	-	-	-	-	-	-	-	-	-	-	4
- - - - - - E.L.	16131	11	7	2	1	-	-	-	-	-	-	-	-	-	1	1	-
se - - - E.L.	29919	25	13	3	5	-	-	-	-	1	-	1	-	-	-	1	-
l Old Town West - - E.L.	38128	24	18	6	6	-	-	-	-	-	-	-	-	-	-	-	-
l Old Town East WwwH - E.L.	35024	51	28	8	9	-	-	-	1	1	-	1	-	1	-	-	3
wwH - - - - - E.L.	67765	67	60	8	18	-	2	-	1	4	-	1	-	1	2	4	20
WW - - - - - E.L.	48611	40	31	12	7	-	2	-	-	2	-	-	1	-	2	5	2
South Districts.																	
urch Southwark WH L. & S.	14573	9	8	1	4	-	-	-	-	-	-	-	-	-	-	-	3
ur Southwark H - - S.	15677	11	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-
d - - - S. & L.	20421	12	9	2	3	-	-	1	-	-	-	-	-	-	-	-	-
-road WH - - S. & L.	16695	18	6	1	1	-	-	-	-	-	-	-	-	-	1	1	-
road HL - - L. & S.	18961	13	7	1	1	-	-	1	-	-	-	1	1	-	-	1	-
lewington - - S. & L.	23682	14	16	4	3	-	1	-	-	-	-	-	-	-	1	1	-
Walworth W - S. & L.	48248	50	53	11	21	1	-	-	1	4	-	2	-	-	2	1	20
Newington - - L. & S.	16792	14	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Southwark H - - S.	4373	2	14	2	3	-	-	-	-	-	-	-	-	-	3	3	13
Horsleydown W - - S.	10500	10	4	1	-	-	-	-	-	-	-	-	-	-	1	1	-
Market - - S. & L.	16787	7	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Magdalen W - - S.	15709	22	18	2	2	-	-	2	-	-	1	-	-	-	1	1	3
s Bermondsey - - S.	47933	48	21	6	3	-	6	-	-	-	-	-	-	-	-	-	-
the W - - - S. & K.	27096	20	12	3	7	-	-	-	-	1	-	-	-	-	2	2	3
-road 1st H - - L. & S.	14074	13	4	-	2	-	2	-	-	-	-	-	-	-	-	-	1
-road 2nd H - - L. & S.	18465	14	4	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Church 1st H - L. & S.	19492	18	17	3	4	-	1	2	1	-	-	-	-	-	-	-	7
Church 2nd WW - L. & S.	35833	30	34	5	10	-	2	-	-	-	-	1	-	-	-	1	8
on 1st - - - S. & L.	41286	33	23	7	5	-	3	2	-	-	-	-	1	-	-	-	-
on 2nd - - - S. & L.	31221	25	22	4	6	-	1	-	1	1	-	2	-	-	-	-	-
w - - - - L. & S.	35435	51	22	9	5	-	-	-	-	-	-	1	-	-	-	-	1
W - - - - L.	12536	4	4	1	1	-	-	-	-	-	-	1	-	-	-	-	-
H - - - - - S.	27347	21	12	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Ww - - - - S.	54016	74	32	5	11	-	-	-	-	-	-	-	-	-	-	1	4
rth HL - - - S.	19783	12	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
- - - - - - S.	9439	5	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
a - - - - - - L.	14475	11	12	3	3	-	1	-	-	-	-	1	-	-	-	-	-
- - - - L. & S.	4041	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ell WL†L† - - S. & L.	31254	33	20	4	11	-	-	-	-	-	-	-	-	-	-	2	9
W - - S., L., & K.	42160	48	26	6	6	-	2	2	-	-	-	2	-	-	-	-	-
e Camberwell - - L. & S.	33851	32	15	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Deptford w - - - K.	53714	45	47	9	11	15	-	1	-	1	1	2	-	-	2	2	11
as Deptford - - - K.	6474	8	5	2	-	1	-	-	-	-	-	-	-	-	-	-	-
n West - - - - K.	21034	19	6	-	2	-	-	-	-	2	-	-	-	-	-	-	-
n East WH - - - K.	19378	8	15	1	7	-	-	-	-	-	-	1	-	-	-	-	10
H - - - - - K.	4539	1	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-
- - - - - - K.	16440	14	8	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Village WH - - K.	11513	11	9	2	4	-	-	-	-	-	-	-	-	-	-	-	3
H - - - - L.	19065	24	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-
H - - - - - K.	9564	6	3	-	1	-	-	-	-	-	-	-	-	-	-	-	1
Dockyard - - - K.	17226	5	7	3	2	-	-	-	-	-	-	-	-	-	1	2	-
Arsenal WHH - - K.	18331	19	13	1	2	-	-	1	-	-	-	-	-	-	1	1	1
, West - - - - K.	13027	6	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
, East W - - - K.	15232	16	11	-	5	-	-	-	-	-	-	-	-	-	-	-	6

wing Workhouse Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the e by w:—

l London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
n City Workhouse in Islington East sub-district.
n Infirmary " " "
City Workhouse " Hackney sub-district.
n " " Hoxton New Town sub-district.
hapel " Mile End Old Town Eastern sub-dist.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7. LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 14th December 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
	LONDON—OUTER RING	368,414	631,381	547	316	78	90	–	5	11	4	11	3	1	7	13
29 : 1	Carshalton *wL* - - -	12228	13523	4	9	1	2	–	1	–	–	–	–	–	–	–
2	Epsom (*part of*) * *WH* -	9971	9145	7	6	2	2	–	–	–	–	–	–	–	–	–
36 : 1	Godstone (*part of*) * - -	2754	900	–	1	–	1	–	–	–	–	–	–	–	–	–
37 : 1	Croydon *WWH* - - -	20851	71319	49	33	7	7	–	–	–	2	2	–	–	–	–
2	Mitcham *WH* - - -	11697	12534	8	4	–	1	–	–	–	–	–	–	–	–	–
38 : 1	Wimbledon *HH* - -	3220	9087	4	5	–	2	–	–	–	–	1	–	–	–	–
2	Kingston *WH* - - -	8549	27489	25	5	–	3	–	–	–	–	–	–	–	–	–
3	Esher (*part of*) * - -	6601	7353	3	5	–	2	–	1	–	–	–	–	1	–	–
4	Hampton - - - -	4573	10185	8	6	–	–	–	–	1	–	–	–	–	–	–
39 : 1	Richmond *WH* - - -	2271	16829	7	8	1	3	–	1	–	–	–	–	–	–	–
2	Mortlake - - - -	2961	9316	6	4	1	1	–	–	–	–	1	–	–	–	–
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	24	5	1	1	–	–	–	–	1	–	–	1	1
2	Chislehurst (*part of*)* *W* -	13665	10028	5	3	–	3	–	–	–	–	–	–	–	–	–
41 : 1	Bexley *H* - - - -	13439	19566	21	9	2	–	–	–	–	–	–	–	–	3	3
123 : 1	Sunbury *W* - - -	11055	9860	6	3	–	1	–	–	–	–	–	–	–	–	–
2	Staines *W* - - - -	13277	10339	7	4	2	1	–	–	–	–	–	–	–	–	–
124 : 1	Hillingdon *WH* - - -	6029	9712	6	3	–	2	–	–	–	–	–	–	–	–	–
2	Uxbridge - - - -	6178	5329	5	1	–	1	–	–	–	–	–	–	–	–	–
3	Hayes *WL* - - - -	14587	10497	1	4	–	4	–	–	–	–	–	–	–	–	1
125 : 1	Isleworth *W* - - -	7008	19930	9	14	4	5	–	–	–	–	–	1	–	–	1
2	Twickenham - - -	2477	10533	8	11	3	2	–	–	2	–	–	–	–	–	1
3	Brentford *HL* - - -	4370	20279	24	11	4	2	–	–	2	–	–	–	–	–	–
4	Chiswick - - - -	1311	8508	10	4	1	1	–	–	1	–	–	–	–	–	–
5	Acton *WH* - - - -	6087	12683	21	10	2	4	–	–	–	–	–	–	–	–	–
126 : 1	Harrow *H* - - - -	13809	10869	6	5	1	3	–	–	–	–	–	–	–	–	1
2	Edgware *H* - - -	6994	3450	2	2	1	–	–	–	–	–	–	–	–	–	–
3	Willesden - - - -	4383	15869	14	4	2	–	–	–	–	–	1	–	–	–	–
4	Hendon *WH* - - -	8382	6972	2	5	1	–	–	–	–	–	–	–	–	–	–
127 : 1	South Mimms - - -	15419	5924	4	–	–	–	–	–	–	–	–	–	–	–	–
2	Barnet *W* - - - -	5423	7752	5	2	1	–	–	–	–	–	2	–	–	–	–
3	Finchley *L* - - - -	4688	11493	7	7	1	1	–	–	–	–	2	–	–	–	–
128 : 1	Hornsey *H* - - - -	3039	19357	27	11	2	4	–	–	–	–	–	–	–	–	1
2	Tottenham *H* - - -	4642	22869	25	16	6	6	–	1	1	–	–	–	–	–	–
3	Edmonton *WW* - - -	7483	13860	13	14	2	6	–	–	1	–	1	1	–	–	–
4	Enfield *WH* - - -	12653	16054	15	4	–	–	–	–	–	2	–	–	–	–	–
5	Waltham Abbey - - -	11017	5197	4	2	1	–	–	–	–	–	–	–	–	–	–
6	Cheshunt - - - -	8493	7518	4	4	–	3	–	–	–	–	–	–	–	1	1
134 : 1	Hatfield (*part of*) * - -	3180	559	–	–	–	–	–	–	–	–	–	–	–	–	–
136 : 1	Bushey - - - -	9028	6472	2	1	–	–	–	–	–	–	–	–	–	–	–
185 : 1	Stratford - - - -	882	23286	31	12	6	–	–	–	1	–	–	–	–	–	1
2	West Ham *WWWW* - -	7345	44642	56	22	10	3	–	1	–	–	–	–	–	1	1
3	Leyton *WW* - - -	4274	15513	18	13	–	8	–	–	–	–	–	1	–	–	1
4	Walthamstow *H* - -	6619	15701	16	9	5	1	–	–	2	–	–	–	–	–	–
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	6	5	3	2	–	–	–	–	–	–	–	1	–
188 : 1	Romford (*part of*) * - -	6730	2879	1	1	1	–	–	–	–	–	–	–	–	–	–
2	Ilford - - - - -	8492	5947	8	3	1	1	–	–	–	–	–	–	–	–	–
3	Barking Town - - -	4128	6576	13	6	3	1	–	–	–	–	–	–	–	–	–

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follo 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in God sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, excep two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoydon (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

TABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 14th December, 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Deaths in Public Institutions.
ATER LONDON	446,494	4,450,015	23·6	2·8	2014	424	564	17	39	57	18	58	36	12	53	357
NNER LONDON -	78,080	3,577,304	24·8	2·9	1698	346	474	17	34	46	14	47	33	11	46	329
UTER RING -	368,414	872,711	18·9	2·1	316	78	90	–	5	11	4	11	3	1	7	28

E.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal ·647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area ,414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, ich 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than es to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,758,933 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	November 9	–	365	44·3	Cholera 15; fevers 147.
BOMBAY - -	644,405	" 12	–	497	31·6	Fevers 143.
MADRAS - -	397,552	" 1	269	346	45·2	Small-pox 5; fevers 88.
PARIS - -	1,988,806	December 12	–	905	23·7	Typhoid fever 14; diph. 17; small-pox 4.
GENEVA - -	68,792	" 7	27	32	24·3	—
BRUSSELS - -	175,782	November 30	95	79	23·4	Typhoid fever 3.
AMSTERDAM -	302,266	December 7	205	130	22·4	Typhus and typhd. fev. 4; scarlet fever 4.
ROTTERDAM -	142,585	" 7	107	53	19·3	Scarlet fever 2.
THE HAGUE -	107,896	" 7	67	60	28·9	Measles 11.
COPENHAGEN -	220,000	" 10	166	99	23·5	Typhoid fever 3.
STOCKHOLM -	152,825	November 30	–	48	16·2	Typhoid fever 3.
CHRISTIANIA -	105,000	December 7	98	32	15·6	Scarlet fever 2; diphtheria and croup 2.
ST. PETERSBURGH	669,741	November 30	–	457	35·5	Small-pox 35; typhus & typhoid fevers 34.
BERLIN - -	1,019,620	" 23	842	486	24·2	Scarlet fever 22; diphtheria 37.
HAMBURG (State)	406,104	" 30	332	215	27·6	Scarlet fever 4; typhus 4.
DRESDEN - -	207,845	" 30	148	93	23·0	Diphtheria and croup 7.
BRESLAU - -	267,000	December 7	173	133	25·9	Fevers 5.
MUNICH - -	222,000	" 7	187	129	30·0	Diphtheria and croup 9.
VIENNA - -	727,271	" 7	560	396	28·3	Small-pox 16; diphtheria 28.
BUDA-PESTH -	319,530	November 30	257	194	31·0	Small-pox 10; scarlet fever 13.
ROME - -	282,214	" 9	–	–	–	—
NAPLES - -	457,407	" 4	–	201	22·9	Typhus 3; diphtheria 3.
TURIN - -	227,843	" 30	160	134	30·7	Small-pox 5; typhus and typhoid fevers 10.
VENICE - -	139,796	" 30	64	79	29·5	Small-pox 4; scarlet fever 2.
ALEXANDRIA -	212,034	" 28	177	164	40·4	Whooping-cough 9; diphtheria 3.
NEW YORK -	1,084,528	" 2	–	450	21·6	Scarlet fever 17; diphtheria 13.
BROOKLYN -	549,438	" 9	–	219	20·7	Diphtheria 23.
PHILADELPHIA -	876,118	" 23	–	295	17·6	Diphtheria 11; scarlet fever 13.
BALTIMORE -	355,000	" 23	–	123	17·5	Scarlet fever 6; diphtheria 4.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 14th DECEMBER, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Between Dew Point Temperature and Air Temperature. Greatest.	Between Dew Point Temperature and Air Temperature. Least.	Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure on square foot. Greatest.	Osler's. Pressure on square foot. Least.	Osler's. Pressure on square foot. Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
DECEMBER.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN.	8	..	29·320	34·4	31·6	2·8	32·7	29·9	45·3	31·2	38·8	37·1	2·8	6·4	0·0	− 8·7	89	N. & NNW.	N. & NNE.	0·9	0·0	0·1	262	− 53	0·00	0·0
MON.	9	Full	29·492	33·1	27·6	5·5	30·2	25·7	40·3	19·9	38·7	36·7	4·5	6·3	3·0	−11·0	83	N. & NW.	N.	0·3	0·0	0·0	132	−176	0·00	0·0
TUES.	10	Greatest Dec. N.	29·678	29·4	25·4	4·0	26·7	26·1	30·8	22·0	38·3	36·3	0·6	1·2	0·0	−14·3	93	N. NNE. & NE.	NNE. & N.	0·0	0·0	0·0	64	−238	0·00	0·0
WED.	11	..	29·684	33·4	26·0	7·4	30·0	28·3	35·1	26·0	37·3	35·8	1·7	3·4	0·0	−10·8	93	NNE. & N.	N. & NNE.	0·4	0·0	0·0	154	−147	0·00	0·0
THURS.	12	..	29·594	29·3	25·5	3·8	27·1	27·1	32·8	24·5	36·8	35·3	0·0	0·0	0·0	−13·6	100	N. NW. & SW.	SW. SSE. & ESE.	0·0	0·0	0·0	74	−226	0·00	0·0
FRI.	13	..	29·517	32·0	20·6	11·4	25·8	23·3	63·2	20·4	36·7	35·1	2·5	4·7	0·0	−14·8	89	E.	ESE. & E.	0·0	0·0	0·0	67	−236	0·00	0·0
SAT.	14	..	29·433	31·4	20·5	10·9	26·2	23·8	42·2	19·0	36·3	34·3	2·4	6·7	0·0	−14·5	90	E. ENE. & NE.	NNE. N. & NW.	1·1	0·0	0·1	169	−140	0·00	1·0
MEANS		..	29·531	31·9	25·3	6·5	28·4	26·3	41·4	23·3	37·6	35·8	2·1	4·1	0·4	−12·5	92	N.		..	..	..	Sum 922	Sum −1216	Sum 0·00	0·1
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. DECEMBER.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY	8	The electrical apparatus was not in action.	0·2	7·9	Overcast generally.
MONDAY	9		0·0	7·9	Overcast and foggy in morning; thin clouds and dense haze prevailed during the day. Hoar frost at night.
TUESDAY	10		0·0	7·9	Overcast. Fog and hoar frost.
WEDNESDAY	11		0·0	7·8	Generally overcast. Snow fell occasionally.
THURSDAY	12		0·0	7·8	Overcast. Fog.
FRIDAY	13		3·4	7·8	Much hoar frost in morning; fine throughout day, and the amount of cloud was small. Part of a solar halo seen in afternoon.
SATURDAY	14		0·0	7·8	Hoar frost in morning; cloudy till evening. Cloudless at night.
..		..	Sum 3·6	Sum 54·9	
No. of Col.		28	29	30	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eve-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page 217.*

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and − "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Sir E. Y. W. Henderson, R.E., K.C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29·42 in. at the beginning of the week to 29·29 in. by noon

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 51. 1878. Vol. XXXIX.] Week ending Saturday, December 21. [Price 1½*d.*

General Register Office, Somerset House,
23rd December, 1878.

United Kingdom.

During last week 5763 *births* and 5266 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality from all causes was at the average rate of 33 deaths annually in every 1000 persons living. The annual death-rate was 24 per 1000 in Edinburgh, 38 in Glasgow, and 41 in Dublin; small-pox caused 15 deaths in Dublin.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Sunderland 20, Nottingham 24, Portsmouth 24, Hull 26, Newcastle-upon-Tyne 28, Brighton 31, London 31, Birmingham 31, Leeds 32, Leicester 32, Bradford 34, Sheffield 34, Wolverhampton 34, Norwich 35, Plymouth 35, Bristol 36, Manchester 38, Liverpool 39, Salford 41, and the highest rate 42 in Oldham. The annual death-rate from the seven principal zymotic diseases averaged 3·4 per 1000 in the twenty towns, and ranged from 0·4 and 1·0 in Portsmouth and Bristol, to 5·5 and 7·3 in Salford and Oldham. The deaths from scarlet fever in the twenty towns, which had steadily declined from 239 to 177 in the five preceding weeks, further fell to 155 last week; the disease showed the greatest fatality in Liverpool and Oldham. Diphtheria caused 2 more deaths in Plymouth. Enteric fever showed excessive fatality in Sheffield and Newcastle-on-Tyne. No fatal case of small-pox was recorded in any of the nineteen large provincial towns; 14, however, occurred in London.

London.

In London 2578 births and 2133 deaths were registered. The deaths in London last week included the remaining 137 of the 528 cases of drowning caused by the sinking of the "Princess Alice" steamer, recently certified by Mr. Carttarr, the coroner for Kent. Including 47 cases registered in September last at Barking, Poplar, Mile End Old Town, and Westminster, 574 deaths referred to drowning, through this disaster, have now been registered. These 574 deaths included 228 of males, and 346 of females; 53 were of children under 5 years of age, 144 of persons aged between 5 and 20 years, 214 aged between 20 and 40 years, 127 between 40 and 60, and 36 of persons aged upwards of 60 years. In addition to these 574 deaths from drowning, several deaths of persons on board the "Princess Alice" have been registered, which were directly referred to the immersion, although not caused by drowning.

Allowing for increase of population, the births last week exceeded by 228, and the deaths, exclusive of the 137 deaths from drowning above referred to, by 241, the average weekly numbers. The annual death-rate from all causes (excluding the deaths of persons on board the "Princess Alice"), which had been equal to 23·7 and 24·8 per 1000 in the two previous weeks, further rose last week, under the influence of the severe weather, to 29·1.

The 2133 deaths included 14 from small-pox, 43 from measles, 55 from scarlet fever, 18 from diphtheria, 50 from whooping-cough, 23 from different forms of fever, and 14 from diarrhœa; thus to the seven principal diseases of the zymotic class 217 deaths were referred, against 183 and 202 in the two preceding weeks. The 55 fatal cases of scarlet fever exceeded those in the previous week by 9, but were 11 below the corrected average; 4 occurred in Pancras, 11 in Southwark, and 12 in Lambeth. The 18 deaths from diphtheria exceeded those in any week since the beginning of October, and included 2 in Pancras, 2 in Stamford Hill, 2 in St. George's Southwark, 3 in Lambeth, and 2 in Camberwell. The fatality of measles continues to increase; this disease caused last week 8 deaths in Bethnal Green, and 6 in Camberwell. The fatal cases of fever, which had been 29 and 33 in the two preceding weeks, declined last week to 23, and were 17 below the

corrected average; 2 were certified as typhus, 20 as enteric or typhoid, and one as simple continued fever. Of the 2 fatal cases of typhus, one occurred at 80, Tower Street, Southwark; and the other was recorded in the Stockwell Fever Hospital, to which it had been admitted from the Workhouse Infirmary of St. Saviour, Southwark. The 20 deaths from enteric fever included 2 in Marylebone, 2 in Shoreditch, 2 in one family at 100, South Street, Walworth, and 3 in Deptford. The Metropolitan Asylum Hospitals contained 100, and the London Fever Hospital 14, enteric fever patients on Saturday last; there were then 11 cases of typhus in these hospitals.

The deaths from small-pox, which had been 4 and 17 in the two previous weeks, were 14 last week, of which 8 occurred in the Metropolitan Asylum Hospitals at Deptford and Fulham, and 6 in private dwelling-houses. Of the 6 in private dwelling-houses 4 occurred in Deptford, one in Peckham, and one in Brompton. The 14 fatal cases were all of persons aged upwards of 5 years, except that of an infant aged 15 months in the Deptford Hospital, which was "not stated" as to vaccination. The number of small-pox patients in the Metropolitan Asylum Hospitals, which had steadily increased in the nine preceding weeks from 91 to 198, were 194 last week; 37 new cases were admitted, against 61 and 40 in the two previous weeks.

The deaths referred to diseases of the respiratory organs, which had increased from 428 to 501 in the four preceding weeks, further rose to 650 last week, and exceeded the corrected weekly average by 172; 460 resulted from bronchitis and 124 from pneumonia. Phthisis caused 194 deaths, against 157 and 161 in the two previous weeks.

The widow of a slater died on 17th instant, at 10, Little Park Street, Marylebone, of "senile decay," whose age was stated by the informant to be 103 years. The certifying medical practitioner is said to consider this an authenticated case of a centenarian.

Different forms of violence caused 186 deaths, including 137 from drowning caused by the sinking of the "Princess Alice" steamer; 177 were the result of negligence or accident, including 12 from fractures and contusions, 9 from burns and scalds, 138 from drowning, 2 from poison, and 10 of infants under one year of age from suffocation. The 12 deaths from fractures and contusions were thus caused:—female aged 47, fell from carriage on South-Eastern Railway; male 12, run over by wagon; male 12, run over by tram-car; male 36, fell from omnibus; male 15, fell from van; male 17, fell from scaffold; male 46, fell from pile of deals; female 44, fell down area steps; male 23, by fall of tank upon him; female 69, by fracture of thigh; male 30, by fall from horse; and female 75, by fall (how, not stated).

Greater London.

In Greater London 3110 births and 2496 deaths were registered, equal to annual rates of 36·5 and 29·3 per 1000 of the population. In the Outer Ring, diphtheria caused 2 more deaths in Finchley and one in Barnet sub-districts; 3 fatal cases of whooping-cough occurred in Bexley sub-district.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 52, Bombay 31, Madras 43; Paris 26; Geneva 21; Brussels 33; Rotterdam 24, The Hague 28; Stockholm 23; Christiania 25; St. Petersburgh 42; Berlin 28, Hamburg 27, Dresden 24, Breslau 30, Munich 32; Vienna 29, Buda-Pesth 35; Rome 30, Naples 26, Turin 25, Venice 28; Alexandria 40; New York 21, Brooklyn 20, Philadelphia 14, and Baltimore 15.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·34 in.; the lowest reading was 29·03 in. on Thursday, and the highest 29·68 in. at the end of the week. The mean temperature of the *air* was 31°·2, and 8°·9 below the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from observations at the Royal Observatory. The mean was considerably below the average on each day of the week; Tuesday was the coldest day, when the mean was only 28°·0, and showed a deficiency of 12°·5. The lowest night temperature was 21°·3 on Sunday, and the highest day temperature in the shade 40°·6 on Wednesday; the extreme range in the week was, therefore, 19°·3. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 55°·9 on Wednesday. The difference between the mean *dew-point* and *air* temperature averaged 2·2. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police ship, was 34°·2. The mean degree of *humidity* of the air was 92, complete saturation being represented by 100; the air was therefore damp. The direction of the *wind* was variable, and the horizontal movement of the air averaged 9·3 miles per hour, which was 3·7 below the average in the corresponding week of 16 years. *Rain* or melted snow was measured on three days of the week, to the aggregate amount of 0·09 of an inch. The duration of registered bright sunshine in the week was one hour, the sun being above the horizon during 54·1 hours; the recorded duration of sunshine was, therefore, equal to 2 per cent. of its possible duration. The amount of ozone in the atmosphere was again much below the average.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, 21st December, 1878.

CITIES AND BOROUGHS. (Municipal Boundaries, except for LONDON and DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 21st December, 1878. BIRTHS.	DEATHS.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL. In Inches.	In Centimetres.
23 TOWNS in the UNITED KINGDOM	220,307	8,373,953	38·0	5763	5266	42·0	11·3	29·4	−1·45	0·27	0·69
LONDON	75,362	3,577,304	47·5	2578	2133	40·6	21·3	31·2	−0·45	0·09	0·23
BRIGHTON	2,354	103,923	44·1	62	61	41·5	21·0	32·0	0·00	0·50	1·27
PORTSMOUTH	4,486	129,461	28·9	79	60	–	–	–	–	–	–
NORWICH	7,472	84,620	11·3	58	57	36·5	17·0	27·5	−2·50	0·10	0·25
PLYMOUTH	1,395	73,599	52·8	41	50	42·0	19·0	32·0	0·00	0·90	2·29
BRISTOL	4,452	206,419	46·4	124	143	40·0	17·6	30·4	−0·90	0·29	0·74
WOLVERHAMPTON	3,396	74,240	21·9	55	48	37·0	19·9	29·3	−1·50	0·10	0·25
BIRMINGHAM	8,400	383,117	45·6	294	231	–	–	–	–	–	–
LEICESTER	3,200	121,473	38·0	79	74	37·0	19·5	28·5	−1·95	0·21	0·53
NOTTINGHAM	9,960	165,267	16·6	106	75	38·6	13·2	26·3	−3·17	0·19	0·48
LIVERPOOL	5,210	532,681	102·2	375	399	39·0	23·8	33·1	0·62	0·62	1·57
MANCHESTER	4,293	360,514	84·0	228	261	–	–	–	–	–	–
SALFORD	5,170	170,251	32·9	131	135	–	–	–	–	–	–
OLDHAM	4,666	107,366	23·0	69	87	–	–	–	–	–	–
BRADFORD	7,220	185,088	25·6	136	119	35·4	17·4	28·4	−2·01	0·17	0·43
LEEDS	21,572	304,948	14·1	216	186	38·0	21·0	30·6	−0·78	0·23	0·58
SHEFFIELD	19,651	289,537	14·7	178	187	39·8	21·0	31·9	−0·06	0·00	0·00
HULL	3,635	143,139	39·4	116	72	36·0	13·0	25·9	−3·39	0·12	0·30
SUNDERLAND	2,768	112,459	40·6	94	43	37·0	18·0	29·7	−1·28	0·39	0·99
NEWCASTLE-ON-TYNE	5,371	144,570	26·9	114	78	–	–	–	–	–	–
EDINBURGH	4,191	222,371	53·1	122	103	36·4	16·5	28·2	−2·12	–	–
GLASGOW	6,033	566,940	94·0	324	416	37·7	14·0	28·1	−2·17	–	–
DUBLIN	10,050	314,666	31·3	184	248	37·8	11·3	27·2	−2·67	0·20	0·51

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.

† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven and a quarter years' increase, calculated on the rate that prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday, 21st December, 1878.

BOROUGHS, &c. (Municipal Boundaries, except for LONDON and DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living. From All Causes.	From Seven Zymotic Diseases.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Deaths of Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
In 20 TOWNS	32·3	3·4	4499	922	1149	14	75	155	23	118	54	29	253	383	676
LONDON	31·1	3·2	2133	407	566	14	43	55	18	50	23	14	186	251	372
BRIGHTON	30·6	2·0	61	11	31	–	1	3	–	–	–	–	1	3	16
PORTSMOUTH	24·2	0·4	60	11	20	–	–	–	–	–	1	–	4	7	5
NORWICH	35·1	4·3	57	15	22	–	1	–	–	5	1	–	–	–	6
PLYMOUTH	35·4	1·4	50	19	13	–	–	–	2	–	–	–	1	3	2
BRISTOL	36·2	1·0	143	32	50	–	1	1	–	2	–	–	5	8	11
WOLVERHAMPTON	33·7	1·4	48	9	15	–	–	–	–	1	1	–	–	–	9
BIRMINGHAM	31·5	4·8	231	36	59	–	1	19	1	7	3	4	9	18	34
LEICESTER	31·8	1·3	74	19	26	–	2	–	1	–	–	–	5	9	10
NOTTINGHAM	23·7	1·6	75	12	28	–	–	2	–	2	–	1	3	7	10
LIVERPOOL	39·1	4·4	399	70	79	–	3	29	2	4	6	1	12	17	71
MANCHESTER	37·8	5·1	261	42	61	–	7	3	1	17	3	4	10	26	47
SALFORD	41·4	5·5	135	35	33	–	10	5	–	1	–	2	2	4	22
OLDHAM	42·3	7·3	87	22	12	–	–	10	2	2	–	1	1	3	5
BRADFORD	33·6	2·5	119	29	22	–	1	5	–	2	–	1	4	6	10
LEEDS	31·8	4·1	186	47	44	–	3	8	1	10	2	–	5	11	16
SHEFFIELD	33·7	4·7	187	53	30	–	1	9	–	9	7	–	2	5	13
HULL	26·2	1·8	72	18	14	–	–	–	–	2	3	–	1	1	6
SUNDERLAND	20·0	2·8	43	12	12	–	1	4	–	1	–	–	–	2	1
NEWCASTLE-ON-TYNE	28·1	3·6	78	23	12	–	–	2	–	3	4	1	2	2	10
DUBLIN	41·1	6·5	248	37	79	15	1	4	2	3	12	2	2	2	80

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the FIFTY-FIRST Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	2206	1943	2083	2164	2299	2404	1840	2050	2491	2478	2195·8	2578
Males . .	1093	993	1042	1106	1172	1211	944	1042	1321	1256	1118·0	1323
Females .	1113	950	1041	1058	1127	1193	896	1008	1170	1222	1077·8	1255
TOTAL **Deaths**	1558	1357	1377	1943	1288	2415	1646	1603	1456	1761	1640·4	2133
Males . .	789	705	705	960	647	1161	811	797	753	926	825·4	1041
Females .	769	652	672	983	641	1254	835	806	703	835	815·0	1092

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77, after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.	Nov. 9.	Nov. 16.	Nov. 23.	Nov. 30.	Dec. 7.	Dec. 14.	Dec. 21.
TOTAL **Deaths** - - -	1355	1355	1418	1369	1446	1386	1590	1665	1547	1624	2016	1698	2133
0—20 - -	654	677	679	695	720	679	734	771	703	764	878	729	861
20—40 - -	214	188	198	194	196	187	206	216	181	176	364	201	296
40—60 - -	257	230	241	223	251	252	285	282	277	303	376	294	410
60—80 - -	191	216	241	206	234	225	304	326	327	309	331	383	465
at 80 years & upwds.	39	44	59	51	45	43	61	70	59	72	67	91	101
Deaths of children: Under 1 year -	336	380	344	378	355	376	367	369	345	366	373	346	407
Deaths of children: 1—5 - -	228	208	231	228	263	218	282	282	247	267	289	279	316
Deaths of children: 5—20 - -	90	89	104	89	102	85	85	120	111	131	216	104	138
Deaths from 7 principal Zymotic Diseases	192	190	191	171	173	154	193	206	160	218	183	202	217
" " Small-pox - -	2	4	5	5	4	3	9	16	7	8	4	17	14
" " Measles - -	6	19	13	10	18	15	18	22	18	28	28	34	43
" " Scarlet fever -	30	34	33	45	46	49	60	64	54	70	62	46	55
" " Diphtheria -	13	20	17	12	12	10	11	13	11	7	9	14	18
" " Whooping-cough	53	40	52	33	33	22	33	43	31	39	42	47	50
" " Typhus fever -	1	2	1	2	–	1	3	6	3	8	2	2	2
" " Enteric (or Typhoid) fever -	20	22	31	24	30	27	31	29	18	38	22	26	20
" " Simple Contd fever	6	4	2	4	–	6	2	2	3	6	5	5	1
" " Diarrhœa - -	61	45	37	36	30	21	26	11	15	14	9	11	14
" " Simple Cholera -	–	–	–	–	–	–	–	1	1	–	–	–	–
" " Dis. of Respiratory Organs -	213	247	286	326	347	353	434	431	428	441	460	501	650
" " Phthisis - -	182	182	159	168	169	172	162	188	165	158	157	161	194
" " Heart Diseases -	81	83	95	68	78	85	98	127	93	120	112	109	148
Violent Deaths - - -	52	30	51	50	63	41	50	47	46	58	436	46	186
Inquest Cases - - -	100	61	109	82	106	80	109	91	99	115	496	93	251
Deaths in Public Institutions	269	213	285	262	268	271	307	314	284	320	325	329	372
TEMPERATURE OF THE AIR:													
Mean - - - - -	52·2°	55·8°	56·9°	51·9°	50·3°	41·0°	38·8°	39·8°	40·6°	39·0°	36·3°	28·4°	31·2°
Mean of Highest readings -	61·0	66·1	64·2	58·0	58·2	47·1	44·4	43·3	44·7	43·6	38·8	31·9	34·8
Mean of Lowest readings -	44·0	47·6	51·3	45·5	44·3	35·4	32·9	35·6	36·6	34·6	32·6	25·3	26·4
Mean Temperature of the Water of the Thames -	57·7	57·6	58·6	56·2	54·7	49·1	44·1	41·7	41·3	41·9	39·1	36·7	34·2
Humidity of the Air - -	85	81	78	85	85	89	82	90	85	92	86	92	92
Rain-fall in inches - -	0·19	0·13	0·54	0·00	0·98	0·14	0·10	1·74	0·12	1·48	0·23	0·00	0·09
Registered Sunshine (in hours)	9·6	41·0	31·3	18·0	15·6	11·2	15·5	4·8	11·8	4·1	3·4	3·6	1·0

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 1.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FIFTY-FIRST Week of the Year 1878.

CAUSES OF DEATH.	Average in the Fifty-first Weeks of the 10 years 1868–77.*	In the Week ending Saturday, December 21, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
Mean Temperature	39·9°	31·2°							
ALL CAUSES	1640·4	2133	407	316	138	296	410	465	101
SPECIFIED CAUSES	1632·1	2132	406	316	138	296	410	465	101
I. ZYMOTIC.									
ORDER 1.									
1. Small-pox	31·7	14	–	1	6	7	–	–	–
2. Measles	57·3	43	14	28	1	–	–	–	–
3. Scarlet Fever	62·1	55	1	33	20	1	–	–	–
4. Diphtheria	7·8	18	2	10	5	1	–	–	–
5. Quinsy	1·2	1	–	–	1	–	–	–	–
6. Croup	11·2	13	3	7	3	–	–	–	–
7. Whooping-cough	53·7	50	19	31	–	–	–	–	–
8. Typhus	37·7 (Enteric or Typhoid Fev.)	2	–	–	1	1	–	–	–
– Enteric or Typhoid Fev.		20	–	4	9	7	–	–	–
– Simple continued Fev.		1	–	–	–	–	–	–	1
9. Erysipelas	8·7	10	2	–	–	1	3	4	–
10. Puerperal Fev. (Metria)	6·8	3	–	–	–	3	–	–	–
11. Carbuncle	·8	–	–	–	–	–	–	–	–
12. Influenza	·8	–	–	–	–	–	–	–	–
13. Dysentery	1·1	–	–	–	–	–	–	–	–
14. Diarrhœa	11·6	14	5	2	–	–	3	4	–
15. Simple Cholera	·2	–	–	–	–	–	–	–	–
16. Ague	·5	–	–	–	–	–	–	–	–
17. Remittent Fever	·4	–	–	–	–	–	–	–	–
18. Rheumatism	11·6	8	–	1	1	2	1	3	–
19. Other *Zymotic* Diseases	·5	2	–	1	1	–	–	–	–
ORDER 2.									
1. Syphilis	8·0	9	8	–	–	–	–	1	–
2. Stricture of Urethra	·9	–	–	–	–	–	–	–	–
3. Hydrophobia	–	–	–	–	–	–	–	–	–
4. Glanders	–	1	–	–	–	–	1	–	–
ORDER 3.									
1. Privation	·5	1	–	–	–	–	–	1	–
2. Want of Breast-milk	9·1	16	15	1	–	–	–	–	–
3. Purpura and Scurvy	1·8	2	1	–	–	1	–	–	–
4. Alcoholism { *a* Del. Tremens	·9	2	–	–	–	1	1	–	–
4. Alcoholism { *b* Intemperance	1·7	3	–	–	–	1	–	2	–
ORDER 4.									
1. Thrush	2·2	5	5	–	–	–	–	–	–
2. Worms, &c.	·4	–	–	–	–	–	–	–	–
II. CONSTITUTIONAL.									
ORDER 1.									
1. Gout	1·9	5	–	–	–	–	2	3	–
2. Dropsy	11·0	6	1	1	–	1	1	–	2
3. Cancer	34·5	47	–	–	–	7	19	20	1
4. Cancrum Oris (Noma)	·3	1	–	1	–	–	–	–	–
5. Mortification	4·3	4	1	–	–	–	–	3	–
ORDER 2.									
1. Scrofula	9·6	10	4	2	2	2	–	–	–
2. Tabes Mesenterica	18·8	24	12	11	1	–	–	–	–
3. Phthisis	160·9	194	3	7	13	96	69	6	–
4. Hydrocephalus	24·3	25	8	17	–	–	–	–	–
III. LOCAL.									
ORDER 1.									
1. Cephalitis	20·0	18	3	7	3	2	2	1	–
2. Apoplexy	42·0	64	4	5	–	6	7	38	4
3. Paralysis	28·9	48	–	–	1	2	15	25	5
4. Insanity	3·0	1	–	–	–	–	–	1	–
5. Chorea	·2	–	–	–	–	–	–	–	–
6. Epilepsy	6·9	8	–	–	–	1	4	3	–
7. Convulsions	53·4	54	39	13	1	–	1	–	–
8. *Brain Disease, &c.*	21·3	23	1	1	2	2	4	11	2
ORDER 2.									
1. Pericarditis	2·0	3	–	–	–	–	2	1	–
2. Aneurism	3·5	4	–	–	–	2	1	1	–
3. *Heart Disease, &c.*	84·3	141	3	1	5	24	43	56	9
ORDER 3.									
1. Laryngitis	9·7	7	2	4	–	1	–	–	–
2. Bronchitis	287·0	460	76	65	8	15	97	172	27
3. Pleurisy	4·6	6	–	–	–	1	3	2	–
4. Pneumonia	103·8	124	36	26	5	18	23	14	2
5. Asthma	19·0	20	–	–	–	1	10	9	–
6. *Lung Disease, &c.*	23·3	33	12	4	–	3	5	8	1

CAUSES OF DEATH.	Average in the Fifty-first Weeks of the 10 years 1868–77.*	In the Week ending Saturday, December 21, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–1.	1–5.	5–20.				
Mean Temperature	39·9°	31·2°							
ORDER 4.									
1. Gastritis	1·8	2	2	–	–	–	–	–	–
2. Enteritis	6·7	3	1	–	–	–	2	–	–
3. Peritonitis	8·3	9	–	1	3	1	2	2	–
4. Ascites	1·7	3	–	–	–	–	2	1	–
5. Ulceration of Intestines	2·9	4	–	–	–	3	1	–	–
6. Hernia	5·4	4	–	–	–	1	2	1	–
7. Ileus	2·9	3	–	–	–	–	1	1	1
8. Intussusception	1·2	3	1	–	–	–	–	2	–
9. Stricture of Intestines	1·1	–	–	–	–	–	–	–	–
10. Fistula	·3	–	–	–	–	–	–	–	–
11. *Stomach Disease, &c.*	6·0	6	4	–	–	–	1	1	–
12. *Pancreas Disease, &c.*	–	–	–	–	–	–	–	–	–
13. Hepatitis	2·9	8	–	–	–	2	5	1	–
14. Jaundice	4·0	3	–	–	–	–	2	1	–
15. *Liver Disease, &c.*	17·1	21	2	–	1	4	10	4	–
16. *Spleen Disease, &c.*	·3	1	–	–	1	–	–	–	–
ORDER 5.									
1. Nephritis	8·5	4	–	–	1	–	2	1	–
2. Ischuria	·4	–	–	–	–	–	–	–	–
3. Bright's Dis. (Nephria)	11·8	14	–	–	–	5	5	4	–
4. Diabetes	2·3	3	–	–	1	–	1	1	–
5. Calculus (Stone)	1·5	1	–	–	–	–	–	–	1
6. Cystitis	1·4	2	–	–	–	–	2	–	–
7. *Kidney Disease, &c.*	10·4	13	–	–	–	2	6	3	2
ORDER 6.									
1. Ovarian Dropsy	·2	1	–	–	–	1	–	–	–
2. *Uterus Disease, &c.*	4·8	6	1	–	–	1	4	–	–
ORDER 7.									
1. Synovitis (Arthritis)	·4	–	–	–	–	–	–	–	–
2. *Joint Disease, &c.*	5·0	5	–	1	2	2	–	–	–
ORDER 8.									
1. Phlegmon	3·7	5	1	1	–	2	1	–	–
2. Ulcer	1·2	–	–	–	–	–	–	–	–
3. *Skin Disease, &c.*	2·5	3	1	–	1	–	–	1	–
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth	19·2	32	32	–	–	–	–	–	–
2. Cyanosis	3·5	1	1	–	–	–	–	–	–
3. Spina Bifida	1·1	2	2	–	–	–	–	–	–
4. Other Malformations	1·3	4	4	–	–	–	–	–	–
5. Teething	13·2	15	6	9	–	–	–	–	–
ORDER 2.									
1. Paramenia†	·2	1	–	–	–	1	–	–	–
2. Childbirth (*see* Puerperal Fever)	7·5	2	–	–	–	1	1	–	–
ORDER 3.									
1. Old Age	60·6	75	–	–	–	–	–	32	43
ORDER 4.									
1. Atrophy and Debility	53·7	64	51	5	–	–	1	7	–
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	15·6	12	–	–	4	3	3	2	–
2. Wounds { Gunshot	·7	–	–	–	–	–	–	–	–
2. Wounds { Cut, Stab		–	–	–	–	–	–	–	–
3. Burns and Scalds	7·1	9	1	5	1	–	1	1	–
4. Poison	·8	2	1	–	–	–	–	1	–
5. Drowning	5·1	138‡	3	9	33	51	34	8	–
6. Suffocation	11·3	13	10	1	1	1	–	–	–
7. Otherwise	3·1	3	1	–	–	1	–	1	–
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	1·0	1	1	–	–	–	–	–	–
ORDER 4. (SUICIDE.)									
1. Wounds { Gunshot	·3	–	–	–	–	–	–	–	–
1. Wounds { Cut, Stab	1·1	2	–	–	–	–	2	–	–
2. Poison	1·3	1	–	–	–	1	–	–	–
3. Drowning	·7	2	–	–	–	2	–	–	–
4. Hanging	1·5	3	–	–	–	1	2	–	–
5. Otherwise	·6	–	–	–	–	–	–	–	–
ORDER 5. (EXECUTION.)									
1. Hanging	·2	–	–	–	–	–	–	–	–
Sudden Deaths (Cause unascertained)	·4	–	–	–	–	–	–	–	–
Causes not specified or ill-defined	7·9	1	1	–	–	–	–	–	–

* These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered during 1878.

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

‡ These 138 deaths from drowning include 137 caused by the sinking of the "Princess Alice" in the Thames on 3rd September last.

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, S
during the Week

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON - - -	3,254,260	2578	2133	407	566	14	43	55	18	50	2	20	1	14	186	25
WEST DISTRICTS - - - -	561,359	353	299	55	91	2	2	5	2	5	-	2	1	5	5	15
NORTH DISTRICTS - - -	751,729	562	455	88	150	-	4	12	4	11	-	3	-	-	8	28
CENTRAL DISTRICTS - - -	334,369	210	186	25	46	-	4	3	1	2	-	4	-	-	7	19
EAST DISTRICTS - - - -	639,111	545	417	100	104	-	14	4	3	15	-	3	-	3	11	24
SOUTH DISTRICTS - - - -	967,692	908	776	139	175	12	19	31	8	17	2	8	-	6	155	165
WEST DISTRICTS.																
St. Mary Paddington *WH* G.J. & W.M.	58728	47	37	9	14	-	-	1	-	1	-	-	-	-	1	1
St. John Paddington *H* - - G.J.	38085	16	16	3	4	-	-	1	-	-	-	-	1	-	-	1
Kensington Town *W* - - - W.M.	91645	71	65	13	17	-	1	-	1	4	-	1	-	3	-	4
Brompton *H* - - - W.M. & C.	28654	16	15	3	2	1	-	-	-	-	-	-	-	1	-	-
St. Peter Hammersmith - - W.M.	6662	4	2	-	1	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith *H* W.M. & G.J.	36029	33	25	7	8	-	-	-	1	-	-	-	-	-	1	2
Fulham *WwH* - - - W.M. & C.	23350	29	18	4	6	1	-	-	-	-	-	-	-	-	-	1
Chelsea South *HHH* - - - C.	26420	16	10	1	3	-	-	-	-	-	-	-	-	-	-	1
Chelsea North-west *WHHHH* - C.	22926	14	17	-	8	-	1	-	-	-	-	-	-	-	-	-
Chelsea North-east - - - C.	21392	17	10	4	2	-	-	-	-	-	-	-	-	-	1	4
Hanover Square *H* - - - G.J.	18698	7	5	1	2	-	-	-	-	-	-	-	-	-	-	-
May Fair *WW* - - - G.J.	13358	1	12	-	8	-	-	-	-	-	-	-	-	-	-	-
Belgrave *HH* - - - - C.	57972	29	31	5	8	-	-	1	-	-	-	1	-	-	1	1
St. John Westminster *HH* - - C.	38478	20	8	2	1	-	-	-	-	-	-	-	-	-	-	-
St. Margaret Westminster *WH* - C.	27781	11	8	1	1	-	-	-	-	-	-	-	-	1	1	-
Golden Square *WH* - - - G.L.	12860	6	7	-	3	-	-	-	-	-	-	-	-	-	-	-
Berwick-street *H* - N.R. & G.J.	20759	7	8	2	2	-	-	1	-	-	-	-	-	-	-	-
St. Anne Soho *HHHHH* - - N.R.	17562	9	5	-	1	-	-	1	-	-	-	-	-	-	-	-
NORTH DISTRICTS.																
All Souls Marylebone *HHHH* - W.M.	28579	7	15	-	3	-	-	1	-	-	-	-	-	-	-	-
Cavendish Square *HH* - - W.M.	15425	4	11	-	3	-	-	-	-	-	-	1	-	-	-	-
Rectory Marylebone *WH* G.J. & W.M.	26384	9	32	4	17	-	-	-	-	-	-	-	-	-	1	1
St. Mary Maryleb. *HHH* G.J. & W.M.	21786	22	14	2	3	-	1	-	-	-	-	1	-	-	-	2
Christchurch Marylebone *H* - W.M.	33944	18	16	5	2	-	1	-	-	-	-	-	-	-	-	-
St. John Marylebone *H* - - W.M.	33136	20	16	1	5	-	-	1	-	2	-	-	-	-	-	-
Hampstead *WwHH* - N.R. & W.M.	32281	14	15	4	8	-	-	-	-	1	-	-	-	-	-	1
Regent's Park Pancras - - W.M.	38200	27	9	3	3	-	-	-	-	-	-	-	-	-	-	2
Tottenham-court *wHHH* N.R. & W.M.	29370	16	28	4	9	-	-	-	-	-	-	-	-	-	2	7
Gray's Inn Lane *HHH* - - N.R.	29221	14	19	5	8	-	-	3	-	-	-	-	-	-	1	3
Somers Town - - - - N.R.	38533	18	17	3	3	-	-	1	1	-	-	-	-	-	-	-
Camden Town *WH* - - - N.R.	17943	11	7	2	4	-	-	-	-	-	-	-	-	-	-	-
Kentish Town *w* - - - - N.R.	68198	59	44	9	13	-	-	-	1	-	-	-	-	-	-	-
Islington West *HHH* - - - N.R.	97820	78	52	8	13	-	1	3	-	3	-	-	-	-	1	3
Islington East *WWwwH* - - N.R.	115958	110	82	23	40	-	-	-	-	3	-	-	-	-	1	4
Stoke Newington *H* - - - N.R.	9841	11	10	2	3	-	-	-	-	-	-	-	-	-	-	1
Stamford Hill - - - - E.L.	6598	8	5	-	-	-	-	-	2	-	-	1	-	-	-	-
West Hackney - - - - N.R.	28069	26	19	4	5	-	-	1	-	-	-	-	-	-	-	1
Hackney *WwwHL* - E.L. & N.R.	50104	50	33	4	8	-	1	2	-	1	-	-	-	-	1	2
South Hackney - - - - E.L.	30339	40	11	5	-	-	-	-	-	1	-	-	-	-	1	1
CENTRAL DISTRICTS.																
St. George Bloomsbury - - N.R.	17853	9	5	1	-	-	1	-	-	-	-	-	-	-	-	-
St. Giles South *WH* - - - N.R.	19109	19	17	-	8	-	-	-	-	-	-	-	-	-	-	3
St. Giles North - - - - N.R.	16594	11	4	1	1	-	-	-	-	-	-	-	-	-	1	1
St. Martins-in-the-Fields* - N.R. & C.	21238	8	9	2	2	-	-	-	-	-	-	-	-	-	-	-
St. Mary-le-Strand - - - N.R.	9378	10	5	-	2	-	-	-	-	-	-	-	-	-	-	1
St. Clement Danes *H* - - - N.R.	10723	3	12	1	3	-	-	-	-	-	-	1	-	-	-	-
St. George-the-Martyr *HHHHH* N.R.	20521	8	12	1	2	-	-	-	1	-	-	1	-	-	2	2
St. Andrew Eastern *W* - - N.R.	13529	4	13	4	2	-	1	-	-	1	-	-	-	-	-	1
Saffron Hill *H* - - - - N.R.	9066	4	4	1	1	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell *W* - - N.R.	18917	22	10	3	-	-	1	1	-	-	-	-	-	-	-	-
Amwell Clerkenwell - - - N.R.	16884	17	11	1	5	-	-	-	-	-	-	1	-	-	-	2
Pentonville - - - - - N.R.	13337	12	8	1	3	-	-	-	-	-	-	-	-	-	1	1
Goswell-street - - - - N.R.	16242	10	6	1	-	-	-	-	-	-	-	-	-	-	-	-
Old-street *H* - - - - N.R.	12161	13	6	-	1	-	-	2	-	-	-	-	-	-	-	1
City-road *HHL* - - - - N.R.	18301	21	11	1	3	-	-	-	-	-	-	-	-	-	-	-
Whitecross-street - - - - N.R.	13792	18	9	3	3	-	-	-	-	-	-	-	-	-	-	1
Finsbury - - - - - N.R.	10741	2	2	-	-	-	-	-	-	-	-	-	-	-	-	1
St. Botolph *H* - - N.R. & E.L.	14540	5	7	2	2	-	-	-	-	1	-	-	-	-	-	-
Cripplegate - - - - - N.R.	13638	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre *H* - - - - N.R.	7562	-	18	-	1	-	1	-	-	-	-	1	-	-	3	4
St. Bride *W* - - - - - N.R.	11185	2	4	-	2	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard - - - - N.R.	4426	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch - - - - N.R.	6270	3	3	-	1	-	-	-	-	-	-	-	-	-	-	1
Queenhithe - - - - - N.R.	4758	1	4	1	1	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking - - - N.R.	5764	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad-street *H* - - - - N.R.	7845	1	3	-	3	-	-	-	-	-	-	-	-	-	-	-

* On 1st August the sub-districts of Long Acre and Charing Cross were united for registration purposes under the name of St. Martins-i
Fields sub-district.

NOTE.—The Italic capitals placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—
house; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it
see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub districts:—G.J. s
Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East Lo
and K. the Kent Company.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT turday, 21st December 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
lywell Shoreditch - N.R. & E.L.	12430	9	3	-	1	-	-	-	1	-	-	-	-	-	-	-	-
Leonard Shoreditch *HL*† - N.R.	16545	13	8	3	2	-	-	-	-	-	-	-	-	-	-	-	1
xton New Town *w* - - - N.R.	27835	26	33	3	21	-	-	-	-	1	-	-	-	-	1	2	20
xton Old Town - - - - N.R.	26933	16	12	3	1	-	-	1	-	-	-	1	-	-	-	-	-
ggerston *WH* - - N.R. & E.L.	43421	36	32	6	9	-	-	1	-	1	-	1	-	-	1	1	6
ckney-road *H* - - - - E.L.	29822	28	15	2	4	-	1	-	1	-	-	-	-	-	-	3	-
een, Bethnal Green *WHL*† - E.L.	42433	31	39	8	11	-	5	-	-	1	-	-	-	1	1	2	11
urch, Bethnal Green " - E.L.	26577	28	19	7	3	-	1	-	-	-	-	-	-	-	-	1	-
wn, Bethnal Green - - - E.L.	21272	12	12	5	1	-	1	1	-	-	-	-	-	-	1	1	-
talfields *H* - - E.L. & N.R.	22499	25	14	8	2	-	1	-	1	-	-	-	-	-	-	1	-
le End New Town *W* - - E.L.	15550	12	17	6	4	-	1	-	-	1	-	-	-	-	-	-	9
itechapel North - E.L. & N.R.	11597	7	3	2	-	-	-	-	-	-	-	-	-	-	1	1	-
itechapel Church *H* - - E.L.	7322	8	11	1	3	-	-	-	-	-	-	-	-	-	2	2	6
odman's Fields - - - - E.L.	10381	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
lgate - - - - N.R. & E.L.	9224	1	4	-	1	-	-	-	-	-	-	1	-	-	-	-	-
Mary St. George East - - E.L.	17900	18	10	4	-	-	-	-	-	-	-	-	-	-	-	1	-
Paul St. George East - - E.L.	21350	10	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-
John St. George East *W* - E.L.	8802	1	5	-	1	-	-	-	-	-	-	-	-	1	-	-	4
dwell *H* - - - E.L. & N.R.	11640	7	9	-	3	-	-	-	-	-	-	-	-	-	1	1	1
tcliff - - - - - - E.L.	16131	15	8	4	3	-	-	-	-	-	-	-	-	-	-	-	-
nehouse - - - - - - E.L.	29919	30	10	1	4	-	-	-	-	-	-	-	-	-	-	-	-
le End Old Town West - - E.L.	38128	31	20	4	4	-	-	-	-	2	-	-	-	-	-	-	-
e End Old Town East *WwcH* - E.L.	55024	53	42	11	10	-	1	-	-	4	-	-	-	1	-	2	7
w wwwH - - - - - E.L.	67765	80	47	7	9	-	1	1	-	1	-	-	-	-	1	1	17
lar *WW* - - - - - E.L.	48611	40	38	14	5	-	2	-	-	4	-	-	-	-	2	5	1
SOUTH DISTRICTS.																	
istchurch Southwark *WH* L. & S.	14573	13	16	1	8	-	1	-	-	-	-	-	-	-	-	2	3
Saviour Southwark *H* - - S.	15677	12	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-
t-road - - - - S. & L.	20421	17	12	7	2	-	1	1	-	-	-	-	-	-	-	-	-
ough-road *WH* - - S. & L.	16695	23	11	1	2	-	-	4	1	-	-	-	-	-	-	1	-
don-road *HL* - - L. & S.	18961	13	13	2	1	-	-	1	1	-	1	-	-	-	-	-	-
nity Newington - - S. & L.	23682	16	8	2	4	-	1	-	-	-	-	-	-	-	-	1	-
Peter Walworth *W* - S. & L.	48248	40	48	5	15	-	-	-	-	2	-	2	-	1	-	-	19
Mary Newington - - L. & S.	16792	12	9	2	3	-	-	-	-	-	-	-	-	1	-	-	-
Olave Southwark *H* - - S.	4373	1	10	-	1	-	-	1	-	-	-	-	-	-	2	2	8
John Horsleydown *W* - - S.	10500	5	5	-	2	-	-	1	-	-	-	-	-	-	-	-	-
ther Market - - - S. & L.	16787	12	18	5	5	-	-	1	-	-	-	-	-	-	-	-	-
Mary Magdalen *W* - - - S.	15709	7	9	1	5	-	-	-	-	-	-	-	-	-	1	1	4
James Bermondsey - - S.	47933	49	32	7	3	-	3	2	-	1	-	1	-	-	-	1	-
herhithe *W* - - - S. & K.	27096	43	23	4	5	-	2	-	-	1	-	-	-	-	-	-	4
terloo-road 1st *H* - - L. & S.	14074	18	10	2	2	-	1	-	-	-	-	-	-	-	-	-	-
terloo-road 2nd *H* - - L. & S.	18465	5	9	3	1	-	1	-	-	-	-	-	-	-	-	-	-
ibeth Church 1st *H* - L. & S.	19492	12	21	2	3	-	1	4	-	-	-	-	-	-	5	6	5
ibeth Church 2nd *WW* - L. & S.	35833	45	26	4	9	-	-	1	1	1	-	-	-	-	-	-	8
nington 1st - - - S. & L.	41286	30	19	6	5	-	-	5	-	-	-	-	-	-	-	-	-
nington 2nd - - - S. & L.	31221	19	14	2	5	-	1	1	-	2	-	-	-	-	-	-	-
ton *w* - - - - - L. & S.	35435	45	31	6	12	-	-	3	1	-	1	-	-	-	1	2	4
wood *W* - - - - - - L.	12536	11	9	3	2	-	-	-	1	1	-	-	-	-	-	-	-
ham *H* - - - - - - S.	27347	35	18	6	3	-	-	2	-	-	-	-	-	-	-	-	-
tersea *Ww* - - - - S.	54016	79	48	9	13	-	-	1	1	2	-	1	-	-	2	2	5
ndsworth *HL* - - - S.	19783	12	10	-	4	-	-	-	-	-	-	-	-	-	-	-	6
ney - - - - - - S.	9439	8	5	1	3	-	-	-	-	-	-	-	-	-	-	-	-
atham - - - - - - L.	14475	6	5	3	2	-	-	-	-	1	-	-	-	-	-	-	-
wich - - - - - L. & S.	4041	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
nberwell *WL*†*L*† - - S. & L.	31254	29	22	5	5	-	1	1	-	1	-	-	-	-	-	1	4
tham *W* - - S., L., & K.	42160	55	35	17	9	1	4	-	1	1	-	-	-	2	2	3	-
George Camberwell - L. & S.	33851	38	12	5	3	-	1	1	1	-	-	-	-	-	-	-	-
Paul Deptford *w* - - - K.	58714	61	47	8	5	10	-	-	-	2	-	3	-	-	1	1	7
Nicholas Deptford - - - K.	6474	4	4	2	-	1	-	-	-	-	-	-	-	-	-	-	-
nwich West - - - - K.	21034	11	6	1	1	-	-	-	-	-	-	-	-	-	-	1	-
nwich East *WH* - - - K.	19378	20	18	1	8	-	-	-	-	2	-	-	-	2	-	1	6
am *H* - - - - - K.	4539	5	3	1	1	-	-	-	-	-	-	-	-	-	1	-	-
- - - - - - K.	16440	8	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-
isham Village *WH* - - K.	11513	24	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
nham *H* - - - - - L.	19065	7	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
lton *H* - - - - - K.	9564	6	8	1	3	-	-	1	-	-	-	1	-	-	1	1	1
lwich Dockyard - - - K.	17226	9	145‡	4	11	-	-	-	-	-	-	-	-	-	137	137	-
lwich Arsenal *WHH* - - K.	18331	14	16	5	1	-	-	-	-	-	-	-	-	-	2	2	1
nstead West - - - - K.	13027	16	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
nstead East *W* - - - K.	15232	12	5	2	2	-	1	-	-	-	-	-	-	-	-	-	-

e following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by *w*:—

entral London Sick Asylum in Tottenham-court sub-district.
" " Kentish Town sub-district.
ondon City Workhouse in Islington East sub-district.
olborn Infirmary " " "
ondon City Workhouse " Hackney sub-district.
olborn " " Hoxton New Town sub-district.
hitechapel " " Mile End Old Town Eastern sub-dist.

London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

ivate Lunatic Asylums in which paupers are received.

he 145 deaths registered last week in Woolwich Dockyard sub-district, included 137 caused by the sinking of the "Princess Alice" steamer on eptember last.

TABLE 7.—LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 21st December 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
	LONDON—OUTER RING	368,414	631,381	532	363	68	112	-	2	6	5	15	2	2	9	16
29 : 1	Carshalton *wL* - - -	12228	13523	14	18	-	5	-	-	-	-	1	-	-	-	-
2	Epsom (*part of*) * *WH* -	9971	9145	2	4	1	1	-	-	1	-	-	-	-	1	1
36 : 1	Godstone (*part of*) * - -	2754	900	-	-	-	-	-	-	-	-	-	-	-	-	-
37 : 1	Croydon *WWH* - - -	20851	71319	53	26	5	8	-	-	1	-	1	-	-	-	-
2	Mitcham *WH* - - -	11697	12534	9	1	1	-	-	-	-	-	1	-	-	-	-
38 : 1	Wimbledon *HH* - - -	3220	9087	12	5	-	2	-	-	-	-	1	-	-	-	-
2	Kingston *WH* - - -	8549	27489	21	14	2	6	-	-	-	-	-	-	-	1	1
3	Esher (*part of*) * - -	6601	7353	6	2	-	-	-	-	-	-	-	-	-	-	-
4	Hampton - - - -	4573	10185	4	8	1	3	-	-	-	-	-	-	-	-	-
39 : 1	Richmond *WH* - - -	2271	16829	11	11	-	2	-	-	-	-	-	-	-	1	1
2	Mortlake - - - -	2961	9316	4	4	1	1	-	-	-	-	-	-	-	-	-
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	20	8	2	3	-	-	-	-	1	-	-	-	-
2	Chislehurst (*part of*) * *W* -	13665	10028	7	1	1	-	-	-	-	-	-	-	-	-	-
41 : 1	Bexley *H* - - - -	13439	19566	15	8	1	2	-	-	-	-	3	-	-	-	-
123 : 1	Sunbury *W* - - -	11055	9860	6	4	1	-	-	-	-	-	-	1	-	-	-
2	Staines *W* - - - -	13277	10339	12	3	1	1	-	-	-	-	-	-	1	-	-
124 : 1	Hillingdon *WH* - - -	6029	9712	9	5	1	2	-	-	-	-	-	-	-	-	-
2	Uxbridge - - - -	6178	5329	3	1	1	-	-	-	-	-	-	-	-	-	-
3	Hayes *WL* - - - -	14587	10497	8	9	-	3	-	-	-	-	-	-	-	-	-
125 : 1	Isleworth *W* - - -	7008	19930	8	14	3	9	-	-	-	-	-	-	-	-	-
2	Twickenham - - -	2477	10533	3	6	2	1	-	-	1	-	-	-	-	-	-
3	Brentford *HL* - - -	4370	20279	3	5	2	-	-	-	-	-	-	-	-	-	-
4	Chiswick - - - -	1311	8508	6	2	1	1	-	-	-	-	-	-	-	-	-
5	Acton *WH* - - - -	6087	12683	6	6	1	4	-	-	-	-	-	-	-	-	-
126 : 1	Harrow *H* - - - -	13809	10869	3	6	1	3	-	-	-	1	-	-	-	-	1
2	Edgware *H* - - -	6994	3450	4	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden - - - -	4383	15869	12	7	1	1	-	-	-	-	-	-	-	-	1
4	Hendon *WH* - - -	8382	6972	5	4	-	2	-	-	-	-	-	-	-	1	1
127 : 1	South Mimms - - -	15419	5924	7	7	1	1	-	-	-	-	-	-	-	3	3
2	Barnet *W* - - - -	5423	7752	10	4	-	1	-	-	-	1	1	-	-	-	-
3	Finchley *L* - - - -	4688	11493	11	27	4	8	-	-	-	2	2	-	1	-	-
128 : 1	Hornsey *H* - - - -	3039	19357	19	10	-	3	-	-	-	-	1	-	-	-	1
2	Tottenham *H* - - -	4642	22869	18	9	2	2	-	1	-	-	-	1	-	-	-
3	Edmonton *WW* - - -	7483	13860	12	16	3	10	-	-	-	-	-	-	-	-	-
4	Enfield *WH* - - -	12653	16054	6	2	2	-	-	-	-	-	-	-	-	-	-
5	Waltham Abbey - - -	11017	5197	3	3	-	1	-	-	-	-	-	-	-	-	-
6	Cheshunt - - - -	8493	7518	5	2	1	-	-	-	-	-	-	-	-	-	1
134 : 1	Hatfield (*part of*) * - -	3180	559	-	-	-	-	-	-	-	-	-	-	-	-	-
136 : 1	Bushey - - - -	9028	6472	2	2	-	-	-	-	-	-	-	-	-	-	-
185 : 1	Stratford - - - -	882	23286	28	19	3	4	-	-	2	-	-	-	-	-	1
2	West Ham *WWWW* - -	7345	44642	79	40	13	9	-	1	-	1	2	-	-	1	3
3	Leyton *WW* - - -	4274	15513	26	12	-	5	-	-	-	-	-	-	-	-	-
4	Walthamstow *H* - -	6619	15701	21	12	2	4	-	-	1	-	-	-	-	1	1
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	8	4	1	3	-	-	-	-	1	-	-	-	-
188 : 1	Romford (*part of*) * - -	6730	2879	3	3	2	-	-	-	-	-	-	-	-	-	-
2	Ilford - - - - -	8492	5947	5	3	1	1	-	-	-	-	-	-	-	-	-
3	Barking Town - - -	4128	6576	3	6	3	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Godst sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 9 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoidon-t (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

ABLE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 21st December 1878.

THE GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	
TER LONDON	446,494	4,450,015	29·3	2·9	2496	475	678	14	45	61	23	65	25	16	195	441
NER LONDON -	78,080	3,577,304	31·1	3·2	2133	407	566	14	43	55	18	50	23	14	186	372
TER RING -	368,414	872,711	21·7	1·9	363	68	112	–	2	6	5	15	2	2	9	69

E.—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal 647 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area 414 acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, h 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than s to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,758,933 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	November 16	–	428	51·9	Fevers 201; cholera 12.
BOMBAY - -	644,405	„ 19	–	486	30·9	Fevers 184; cholera 9.
MADRAS - -	397,552	„ 8	285	325	42·5	Small-pox 8; fevers 114.
PARIS - - -	1,988,806	December 19	–	1007	26·3	Typhoid fever 23; diphtheria 19; small-pox 4.
GENEVA - -	68,792	„ 14	46	27	20·5	—
BRUSSELS - -	175,782	„ 7	92	111	32·9	Whooping-cough 4.
AMSTERDAM -	302,266	„ 14	–	–	–	—
ROTTERDAM -	142,585	„ 14	111	67	24·4	Scarlet fever 2.
THE HAGUE -	107,896	„ 14	89	58	27·8	Measles 6.
COPENHAGEN -	220,000	„ 17	–	–	–	—
STOCKHOLM -	152,825	„ 7	–	66	22·5	Scarlet fever 1; typhoid fever 1.
CHRISTIANIA -	105,000	„ 14	82	51	24·8	Scarlet fever 2.
ST. PETERSBURGH	669,741	„ 7	–	539	41·8	Small-pox 31; typhus and typhoid fevers 35.
BERLIN - -	1,019,620	November 30	849	560	27·9	Scarlet fever 24; diphtheria 32.
HAMBURG (State)	406,104	December 7	294	207	26·6	Typhus fever 5; diphtheria and croup 9.
DRESDEN - -	207,845	„ 7	124	95	23·5	Diphtheria and croup 6.
BRESLAU - -	267,000	„ 14	205	153	29·8	Scarlet fever 3.
MUNICH - -	222,000	„ 14	175	138	32·0	Diphtheria and croup 14.
VIENNA - -	727,271	„ 14	506	408	29·2	Small-pox 7; diphtheria 25.
BUDA-PESTH -	319,530	„ 7	278	216	35·2	Small-pox 4; scarlet fever 9.
ROME -	282,214	November 9	141	162	30·0	Typhus and typhoid fevers 3.
NAPLES - -	457,407	„ 11	–	260	29·7	Diphtheria 4.
		„ 18	–	228	26·0	Typhus and typhoid fevers 6.
TURIN - -	227,843	December 7	119	111	25·4	Typhus and typhoid fevers 9.
VENICE - -	139,796	„ 7	87	75	28·0	Small-pox 2; typhoid fever 1.
ALEXANDRIA -	212,034	„ 5	176	164	40·4	Whooping-cough 11.
NEW YORK -	1,084,528	November 9	–	444	21·3	Scarlet fever 19; diphtheria 13.
BROOKLYN -	549,438	„ 16	–	212	20·1	Scarlet fever 9; diphtheria 19.
PHILADELPHIA	876,118	„ 30	–	229	13·6	Scarlet fever 6; diph. 7; typhoid fever 8.
BALTIMORE -	355,000	„ 30	–	106	15·1	Scarlet fever 5; diph. 9; typhoid fever 5.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 21st DECEMBER, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Difference. Greatest.	Difference. Least.	Difference. Between mean temperature of the day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure on square foot. Greatest.	Osler's. Pressure. Least.	Osler's. Pressure. Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
DECEMBER.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN.	15	..	29·503	34·7	21·3	13·4	29·8	25·6	46·2	19·2	35·3	33·9	4·2	6·7	0·0	−10·9	84	W. & WSW.	WSW. & SW.	0·6	0·0	0·0	248	− 64	0·01	0·0
MON.	16	In Equator	29·305	33·4	28·6	4·8	31·4	31·0	34·3	24·0	35·3	33·5	0·4	1·3	0·0	− 9·3	99	SW. & Calm	NE. NNE. & N.	0·0	0·0	0·0	85	−230	0·06	0·0
TUES.	17	Last Quarter.	29·313	32·7	23·1	9·6	28·0	28·0	33·4	22·8	35·1	33·3	0·0	1·9	0·0	−12·5	100	N. W. & NW.	NNW. & WSW.	0·0	0·0	0·0	155	−159	0·00	0·0
WED.	18	..	29·122	40·6	24·9	15·7	34·6	31·1	55·9	23·0	34·8	33·1	3·5	5·7	2·6	− 5·6	87	SW.	SW.	2·2	0·0	0·3	399	+ 87	0·02	1·8
THURS.	19	..	29·100	38·2	31·6	6·6	34·9	30·7	44·2	29·4	35·1	32·8	4·2	6·5	2·8	− 5·1	85	SW.	WSW.	2·9	0·0	0·5	422	+111	0·00	2·2
FRI.	20	Perigee.	29·367	31·8	27·5	4·3	30·2	30·2	32·9	24·0	35·3	33·1	0·0	0·8	0·0	− 9·5	100	WSW. W. & E.	Calm & N.	0·0	0·0	0·0	34	−274	0·00	0·0
SAT.	21	..	29·644	32·2	27·5	4·7	29·6	26·2	38·0	26·0	35·1	33·3	3·4	4·6	2·1	− 9·7	87	WNW. & W.	WSW.	0·2	0·0	0·0	213	− 90	0·00	1·2
MEANS		..	29·336	34·8	26·4	8·4	31·2	29·0	40·7	24·1	35·1	33·3	2·2	3·9	1·1	− 8·9	92	Variable.		..	..	..	Sum 1556	Sum −619	Sum 0·09	0·7
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. DECEMBER.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY	15	The electrical apparatus was not in action.	0·2	7·8	Hoar frost in morning. Cloudy. Snow fell in afternoon.
MONDAY	16		0·0	7·8	Overcast. Fog. Rain, sleet, and snow fell in afternoon and evening.
TUESDAY	17		0·0	7·7	Cloudy and foggy till evening; clear with hoar frost at night.
WEDNESDAY	18		0·4	7·7	Generally cloudy. Rain fell between 9h. A.M. and noon. Solar halo seen in afternoon.
THURSDAY	19		0·4	7·7	Fine; partially cloudy till evening; cloudless at night.
FRIDAY	20		0·0	7·7	Overcast. Fog.
SATURDAY	21		0·0	7·7	Cloudy and foggy till evening; cloudless night.
..		..	Sum 1·0	Sum 54·1	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and − "*lower*," than the average.

The temperature of the water of the Thames s ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Sir E. Y. W. Henderson, R.E., K.C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 29·47 in. at the beginning of the week to 29·54 in. by

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY-TWO OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
30th December, 1878.

United Kingdom.

During last week 4526 *births* and 4962 *deaths* were registered in London and Twenty-two other large Towns of the United Kingdom. The mortality was at the average rate of 31 deaths annually in every 1000 persons living. The annual death-rate was 24 per 1000 in Edinburgh, 36 in Glasgow, and 39 in Dublin, small-pox caused 19 deaths in Dublin, raising the number recorded during the year to 550.

Twenty large English Towns.

The annual rates of mortality per 1000 last week in the Twenty English Towns, ranged in order from the lowest, were as follow:—Portsmouth 17, Brighton 24, Plymouth 24, Nottingham 25, Sheffield 27, Sunderland 27, London 28, Leicester 29, Wolverhampton 30, Bradford 30, Hull 31, Oldham 31, Birmingham 33, Leeds 34, Newcastle-upon-Tyne 35, Bristol 37, Liverpool 37, Norwich 41, Manchester 42, and the highest rate 44 in Salford. The annual death-rate from the seven principal zymotic diseases averaged 3·6 per 1000 in the twenty towns, and ranged from 0·5 and 0·8 in Brighton and Portsmouth, to 7·4 and 8·3 in Sunderland and Salford. Scarlet fever showed excessive fatality in Sunderland, Oldham, Salford, and Newcastle-upon-Tyne. Small-pox caused 13 more deaths in London, but not one in any of the nineteen large provincial towns.

London.

In London 1762 births and 1900 deaths were registered. Allowing for increase of population, the births were 433 below, whereas the deaths exceeded by 85, the average numbers in the corresponding week of the last ten years. The annual death-rate (excluding the deaths of 527 persons on board the "Princess Alice" steamer, recently registered), which had been equal to 23·7, 24·8, and 29·1 per 1000 in the three preceding weeks, declined again last week to 27·7. During the 52 weeks of 1878, 83,695 deaths were registered in London, of which 14,734, or 18 per cent., were referred to the seven principal zymotic diseases; the death-rate from all causes was equal to 23·5, and from the seven principal zymotic diseases to 4·1 per 1000 of the population, against 21·9 and 3·5, respectively, in 1877.

The 1900 deaths included 13 from small-pox, 34 from measles, 48 from scarlet fever, 22 from diphtheria, 62 from whooping-cough, 24 from different forms of fever, and 10 from diarrhœa; thus to the seven principal diseases of the zymotic class 213 deaths were referred, against 202 and 217 in the two preceding weeks. The 34 deaths from measles showed a decline of 9 from those in the previous week, and were 23 below the corrected average; 4 occurred in Bethnal Green, 6 in Lambeth, 4 in Camberwell, and 4 in Plumstead. The 48 fatal cases of scarlet fever also showed a decline, and were 17 below the average; they included 4 in Islington, 4 in Hackney, 4 in Shoreditch, 5 in Bermondsey, 5 in Lambeth, and 5 in Clapham and Battersea. The 22 deaths referred to diphtheria exceeded the number in any previous week of the past eight years; 2 occurred in Hammersmith, 3 in Islington, 2 in Southwark, 2 in Battersea, and 2 in Plumstead. The 62 deaths from whooping-cough, showed a further increase upon the numbers in recent weeks, and slightly exceeded the corrected average; they included 6 in Islington, 6 in Bethnal Green, 8 in Bow and Poplar, and 6 in Lambeth. The fatal cases of fever, which had been 33 and 23 in the two preceding weeks, were 24 last week, and 14 below the corrected average; one was certified as typhus, 19 as enteric or typhoid, and 4 as simple continued fever. The fatal case of typhus occurred in the Stockwell Fever Hospital, and was of a carman aged 22 years, admitted from 15, Earl's Place, St. Luke's. The 19 deaths from enteric or typhoid fever included 2 in Somers Town, 2 in Shoreditch, 2 in Whitechapel, and 3 in Southwark. The Metropolitan Asylum Hospitals contained 96, and the London Fever Hospital 14, enteric fever patients on Saturday last; there were then 10 cases of typhus under isolation and treatment in these hospitals.

The deaths from small-pox, which had been 17 and 14 in the two previous weeks further declined to 13 last week; of which 11 were recorded in the Metropolitan Asylum Hospitals at Fulham and Deptford, and 2 in private dwelling-houses; the latter 2 cases occurred at 5, Salisbury Crescent, Newington, and at 33, Milton Court Road, Deptford. Of the 13 deceased small-pox patients, one had resided in Poplar, and 12 in South London, including 4 in Southwark, 2 in Camberwell, and 4 in Greenwich and Deptford. The number of small-pox patients in the Metropolitan Asylum Hospitals, which had steadily increased from 91 to 198 in the nine weeks ending 14th December, were 194 and 225 on the two following Saturdays. During last week 71 new cases were admitted to these hospitals, against 61, 40, and 37 in the three previous weeks; the average weekly number of admissions was 52 in December, against 19 in October and 35 in November.

The deaths referred to diseases of the respiratory organs, which had increased from 428 to 650 in the five preceding weeks, declined to 634 last week, although they exceeded the corrected average weekly number by 150; 455 resulted from bronchitis, and 103 from pneumonia.

Different forms of violence caused 58 deaths; 54 were the result of negligence or accident, including 18 from fractures and contusions, 11 from burns and scalds, 4 from drowning, and 13 of infants under one year of age from suffocation. The 18 deaths from fractures and contusions were thus caused:—male aged 30, fell from van; female 59, knocked down by cab; male 38, run over on South-Eastern Railway; male 49, run over on Metropolitan Railway; male 63, and females 29, 62, and 69, fell down stairs; males 22 and 51, fell from ladders; male 73, fell from loft; male 41, fell down lift-hole; male 9, fell while sliding; male 80, fell in street; female 10 months, fell in room; female 67, fell to the ground; male 59, injured by chalk-mill machinery; and male 73, by fracture of femur.

An abstract of the recorded occupations of the 574 persons whose deaths from drowning, through the sinking of the "Princess Alice," have been registered, shows that of the 228 males, 21 belonged to the professional class, including 6 musicians, 3 schoolmasters, and 2 dentists; 10 to the domestic class, including 8 publicans; 49 to the commercial class, including 13 of the crew of the "Princess Alice," 13 clerks, and 5 travellers; 2 to the agricultural class; 63 to the industrial class; the occupations of 22 were indefinitely returned, and 61 were children. Of the 346 females, only 18 were registered as following definite occupations, including 9 domestic servants, and 3 belonging to the crew of the "Princess Alice;" 164 were wives, the occupations of whose husbands were recorded, and the occupations of 164, including 84 children, were not stated or were ill-defined.

Greater London.

In Greater London 2166 births and 2297 deaths were registered, equal to annual rates of 25·4 and 26·9 per 1000 of the population. In the Outer Ring, 3 fatal cases of diphtheria, 2 of scarlet fever, 2 of whooping-cough, and one of fever were returned in Croydon sub-district; 3 of whooping-cough in West Ham.

Returns from Foreign Cities.

The annual rate of mortality, according to the most recent Weekly Returns (see Table 9), in Calcutta was 49, Bombay 34, Madras 42; Paris 25; Geneva 24; Brussels 28; Amsterdam 25, Rotterdam 29, The Hague 31; Copenhagen 25; Stockholm 15; Christiania 16; St. Petersburgh 41; Berlin 25, Hamburg 24, Dresden 21, Breslau 27, Munich 34; Vienna 28, Buda-Pesth 38; Rome 29, Naples 26, Turin 33, Alexandria 47; New York 25, Brooklyn 17, Philadelphia 18, and Baltimore 17.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·61 in; the highest reading was 30·20 in. on Tuesday afternoon, and the lowest 29·23 in. on Thursday noon. The mean temperature of the *air* was 32°·7, and 5°·4 below the average in the corresponding week of the 60 years 1814–73, as determined by Mr. Glaisher from observations at the Royal Observatory. The mean was considerably below the average on the first four, while it showed a marked excess on the last three days of the week; on Tuesday the mean was only 20°·8, and 17°·4 below the average, whereas on Saturday it was 42°·4, and showed an excess of 4°·9. The lowest night temperature was 12°·2 on Wednesday, and the highest day temperature in the shade 46°·9 on Saturday; the extreme range in the week was, therefore, 34°·7. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo placed on the grass, was 62°·1 on Saturday. The difference between the mean *dew-point* and *air* temperature averaged 1·5. The mean temperature of the water in the Thames, derived from daily observations taken at the "Royalist" Police ship, was 33°·4. The mean degree of *humidity* of the air was 94, complete saturation being represented by 100; the air was therefore of its average dryness. The direction of the *wind* was variable, and the horizontal movement of the air averaged 9·9 miles per hour, which was 1·9 below the average in the corresponding week of 16 years. *Rain* or melted snow was measured on five days of the week, to the aggregate amount of 0·50 of an inch. The duration of registered bright sunshine in the week was 3·6 hours, the sun being above the horizon during 54·2 hours; the recorded duration of sunshine was, therefore, equal to 7 per cent. of its possible duration. The atmosphere contained scarcely any ozone throughout the week.

TABLE 1.—BIRTHS and DEATHS registered, and METEOROLOGY,* in 23 TOWNS of the UNITED KINGDOM, during the Week ending Saturday, 28th December, 1878.

CITIES AND BOROUGHS. (Municipal Boundaries, except for LONDON and DUBLIN.)	Area in Acres, exclusive of tidal water and foreshore.	POPULATION estimated to the middle of the Year 1878.†	Persons to an Acre. (1878.)	Registered during the Week ending 28th December, 1878.		TEMPERATURE OF THE AIR. (FAHRENHEIT.)			TEMPERATURE OF THE AIR. (CENTIGRADE.)	RAIN FALL.	
				BIRTHS.	DEATHS.	Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Weekly Mean of the Daily Mean Values.	In Inches.	In Centimetres.
23 TOWNS in the UNITED KINGDOM	220,307	8,373,953	38·0	4526	4962	50·0	5·2	30·5	−0·84	0·94	2·39
LONDON	75,362	3,577,304	47·5	1762	1900	46·9	12·2	32·7	0·39	0·50	1·27
BRIGHTON	2,354	103,923	44·1	46	48	47·5	23·6	35·2	1·78	0·58	1·47
PORTSMOUTH	4,486	129,461	28·9	50	41	–	–	–	–	–	–
NORWICH	7,472	84,620	11·3	51	66	42·0	16·0	31·1	−0·50	0·66	1·68
PLYMOUTH	1,395	73,599	52·8	32	34	50·0	25·0	37·1	2·84	0·93	2·36
BRISTOL	4,452	206,419	46·4	99	145	46·0	19·0	33·0	0·56	1·13	2·87
WOLVERHAMPTON	3,396	74,240	21·9	42	42	36·8	10·6	27·2	−2·67	1·28	3·25
BIRMINGHAM	8,400	383,117	45·6	220	240	–	–	–	–	–	–
LEICESTER	3,200	121,473	38·0	84	67	40·5	9·8	28·0	−2·22	1·25	3·17
NOTTINGHAM	9,960	165,267	16·6	76	79	34·9	5·2	26·6	−3·00	1·34	3·40
LIVERPOOL	5,210	532,681	102·2	306	382	41·6	12·7	31·3	−0·39	0·64	1·63
MANCHESTER	4,293	360,514	84·0	219	291	–	–	–	–	–	–
SALFORD	5,170	170,251	32·9	119	144	–	–	–	–	–	–
OLDHAM	4,666	107,366	23·0	66	64	–	–	–	–	–	–
BRADFORD	7,220	185,088	25·6	92	108	37·2	13·9	28·5	−1·95	0·58	1·47
LEEDS	21,572	304,948	14·1	201	198	36·0	15·0	29·3	−1·50	0·70	1·78
SHEFFIELD	19,651	289,537	14·7	186	148	39·0	14·7	31·3	−0·39	1·10	2·79
HULL	3,635	143,139	39·4	96	84	38·0	9·0	27·5	−2·50	1·14	2·90
SUNDERLAND	2,768	112,459	40·6	75	59	40·0	24·0	30·6	−0·78	0·68	1·73
NEWCASTLE-ON-TYNE	5,371	144,570	26·9	93	97	–	–	–	–	–	–
EDINBURGH	4,191	222,371	53·1	137	104	36·5	20·5	29·2	−1·56	1·84	4·67
GLASGOW	6,033	566,940	94·0	326	388	39·5	18·0	30·2	−1·01	–	–
DUBLIN	10,050	314,666	31·3	148	233	45·2	9·3	30·3	−0·95	0·71	1·80

* For names of the Meteorological Observers in the several towns, *see* note at foot of Table 4.

† The figures for the English and Scottish towns are the numbers enumerated in April 1871, raised to the middle of 1878 by the addition of seven and a quarter years' increase, calculated on the rate that prevailed between 1861 and 1871. Nottingham, Salford, and Oldham, however, form exceptions to this rule, as the estimates for these three towns have been revised with the aid of local information as to the rate of increase of inhabited houses. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 2.—DEATHS and RATE OF MORTALITY in 20 large ENGLISH TOWNS, having an estimated population of 7,269,976 persons, and in DUBLIN, during the Week ending Saturday, 28th December, 1878.

BOROUGHS, &c. (Municipal Boundaries, except for LONDON and DUBLIN.)	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
				Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.
	From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.		
In 20 TOWNS	30·4	3·6	4237	821	1157	13	57	188	29	122	57	37	131	228	694
LONDON	27·7	3·1	1900	321	580	13	34	48	22	62	24	10	58	101	394
BRIGHTON	24·1	0·5	48	8	22	–	–	–	–	–	1	–	–	–	6
PORTSMOUTH	16·5	0·8	41	11	12	–	–	–	–	–	2	–	2	2	3
NORWICH	40·7	4·3	66	19	10	–	1	–	–	5	–	1	2	4	7
PLYMOUTH	24·1	1·4	34	4	18	–	–	1	1	–	–	–	–	2	2
BRISTOL	36·7	1·8	145	27	50	–	–	1	–	2	1	3	1	2	20
WOLVERHAMPTON	29·5	2·8	42	8	13	–	1	–	–	1	1	1	1	1	8
BIRMINGHAM	32·7	6·8	240	58	54	–	–	25	4	12	3	6	11	18	29
LEICESTER	28·8	2·6	67	11	27	–	4	–	–	1	–	1	1	5	13
NOTTINGHAM	24·9	2·5	79	22	24	–	–	3	–	5	–	–	3	7	17
LIVERPOOL	37·4	4·4	382	74	78	–	1	27	–	4	10	3	20	23	54
MANCHESTER	42·1	2·9	291	46	82	–	7	7	–	2	2	2	11	31	52
SALFORD	44·1	8·3	144	29	30	–	6	13	1	4	–	3	1	1	16
OLDHAM	31·1	7·3	64	12	15	–	–	12	–	2	1	–	–	–	6
BRADFORD	30·5	2·5	108	19	25	–	–	8	–	–	–	1	2	4	8
LEEDS	33·9	4·6	198	50	42	–	1	12	–	9	1	4	7	12	18
SHEFFIELD	26·7	3·8	148	53	23	–	–	6	–	10	3	2	1	3	6
HULL	30·6	2·2	84	24	22	–	–	1	–	3	2	–	3	4	6
SUNDERLAND	27·4	7·4	59	5	13	–	–	14	–	–	2	–	1	1	11
NEWCASTLE-ON-TYNE	35·0	6·1	97	20	17	–	2	10	1	–	4	–	6	7	18
DUBLIN	38·6	5·6	233	28	78	19	5	4	–	1	4	1	4	4	88

TABLE 3. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the FIFTY-SECOND Week of Ten previous Years.

	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	Weekly Average in 10 Years.	1878
TOTAL **Births**	1664	2309	2041	1891	1923	1702	2685	2494	1978	1831	2051·8	1762
Males . .	808	1205	1076	993	1000	879	1347	1247	984	958	1049·7	879
Females .	856	1104	965	898	923	823	1338	1247	994	873	1002·1	883
TOTAL **Deaths**	1262	1996	1760	1636	1232	1540	2442	1782	1510	1757	1696·7	1900
Males . .	619	1028	894	823	622	773	1158	848	776	915	845·6	933
Females .	643	968	866	863	610	767	1284	934	734	842	851·1	967

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1868–77 after raising the average by 7 per cent. for increase of population.

TABLE 4. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.	Nov. 9.	Nov. 16.	Nov. 23.	Nov. 30.	Dec. 7.	Dec. 14.	Dec. 21.	Dec. 28.
TOTAL **Deaths** - - -	1355	1418	1369	1446	1386	1590	1665	1547	1624	2016	1698	2133	1900
0—20 - -	677	679	695	720	679	734	771	703	764	878	729	861	705
20—40 - -	188	198	194	196	187	206	216	181	176	364	201	296	235
40—60 - -	230	241	223	251	252	285	282	277	303	376	294	410	380
60—80 - -	216	241	206	234	225	304	326	327	309	331	383	465	474
at 80 years & upwds.	44	59	51	45	43	61	70	59	72	67	91	101	106
Deaths of children: Under 1 year -	380	344	378	355	376	367	369	345	366	373	346	407	321
Deaths of children: 1—5 - - -	208	231	228	263	218	282	282	247	267	289	279	316	280
Deaths of children: 5—20 - -	89	104	89	102	85	85	120	111	131	216	104	138	104
Deaths from 7 principal Zymotic Diseases	190	191	171	173	154	193	206	160	218	183	202	217	213
" " Smallpox - -	4	5	5	4	3	9	16	7	8	4	17	14	13
" " Measles - -	19	13	10	18	15	18	22	18	28	28	34	43	34
" " Scarlet Fever -	34	33	45	46	49	60	64	54	70	62	46	55	48
" " Diphtheria -	20	17	12	12	10	11	13	11	7	9	14	18	22
" " Whooping-cough	40	52	33	33	22	33	43	31	39	42	47	50	62
" " Typhus fever -	2	1	2	–	1	3	6	3	8	2	2	2	1
" " Enteric (or Typhoid) fever -	22	31	24	30	27	31	29	18	38	22	26	20	19
" " Simple Cont^d fever	4	2	4	–	6	2	2	3	6	5	5	1	4
" " Diarrhœa - -	45	37	36	30	21	26	11	15	14	9	11	14	10
" " Simple Cholera -	–	–	–	–	–	–	1	1	–	–	–	–	–
" " Dis. of Respiratory Organs -	247	286	326	347	353	434	431	428	441	460	501	650	634
" " Phthisis - -	182	159	168	169	172	162	188	165	158	157	161	194	188
" " Heart Diseases -	83	95	68	78	85	98	127	93	120	112	109	148	110
Violent Deaths - - -	30	51	50	63	41	50	47	46	58	436	46	186	58
Inquest Cases - - -	61	109	82	106	80	109	91	99	115	496	93	251	101
Deaths in Public Institutions	213	285	262	268	271	307	314	284	320	325	329	372	394
TEMPERATURE OF THE AIR:													
Mean - - - -	55°·8	56°·9	51°·9	50°·3	41°·0	38°·8	39°·8	40°·6	39°·0	36°·3	28°·4	31°·2	32°·7
Mean of Highest readings -	66·1	64·2	58·0	58·2	47·1	44·4	43·3	44·7	43·6	38·8	31·9	34·8	37·6
Mean of Lowest readings -	47·6	51·3	45·5	44·3	35·4	32·9	35·6	36·6	34·6	32·6	25·3	26·4	24·9
Mean Temperature of the Water of the Thames -	57·6	58·6	56·2	54·7	49·1	44·1	41·7	41·3	41·9	39·1	36·7	34·2	33·4
Humidity of the Air - -	81	78	85	85	89	82	90	85	92	86	92	92	94
Rain-fall in inches - -	0·13	0·54	0·00	0·98	0·14	0·10	1·74	0·12	1·48	0·23	0·00	0·09	0·50
Registered Sunshine (in hours)	41·0	31·3	18·0	15·6	11·2	15·5	4·8	11·8	4·1	3·4	3·6	1·0	3·6

METEOROLOGICAL OBSERVATIONS. (*See* TABLE **1.**)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by James Blackwood, Esq., of Edinburgh, and by E. M. Dixon, Esq., and Mrs. Nairn of Glasgow; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.M.S., Brighton; F. A. Lee, Esq., Portsmouth; John Quinton, jun., Esq., Norwich; John Merrifield, Esq., LL.D., Plymouth; W. F. Denning, Esq., F.R.A.S., F.M.S., Bristol; E. Simpson, Esq., Wrottesley, Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; D. Doncaster, jun., Esq., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull H. J. Yeld, Esq., M.D., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 5. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FIFTY-SECOND Week of the Year 1878.

CAUSES OF DEATH.	Average in the Fifty-second Weeks of the 10 years 1868-77.*	In the Week ending Saturday, December 28, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature -	39°·2	Mean Tem. 32°·7							
ALL CAUSES - -	1696·7	1900	321	280	104	235	380	474	106
SPECIFIED CAUSES	1688·8	1898	319	280	104	235	380	474	106
I. ZYMOTIC.									
ORDER 1.									
Small-pox - - -	34·0	13	2	1	8	1	1	-	-
Measles - - -	52·9	34	5	27	2	-	-	-	-
Scarlet Fever - -	60·9	48	5	30	11	2	-	-	-
Diphtheria - -	8·1	22	1	10	5	6	-	-	-
Quinsy - - -	1·2	1	-	1	-	-	-	-	-
Croup - - -	18·8	13	-	11	2	-	-	-	-
Whooping-cough -	55·7	62	24	38	-	-	-	-	-
Typhus - - -	35·7 (Enteric or Typhoid Fev. / Simple continued Fev.)	1	-	-	-	1	-	-	-
		19	1	1	7	7	2	1	-
		4	-	1	1	1	1	-	-
Erysipelas - -	11·1	3	-	-	-	1	1	1	-
Puerperal Fev. (Metria)	6·5	5	-	-	-	5	-	-	-
Carbuncle - -	·7	1	-	-	-	-	-	1	-
Influenza - - -	·7	-	-	-	-	-	-	-	-
Dysentery - -	1·2	2	-	-	-	-	1	1	-
Diarrhœa - - -	13·1	10	6	2	-	-	1	-	1
Simple Cholera - -	·3	-	-	-	-	-	-	-	-
Ague - - - -	·7	1	-	-	1	-	-	-	-
Remittent Fever -	—	1	-	-	-	1	-	-	-
Rheumatism - -	9·7	11	-	2	-	4	4	1	-
Other *Zymotic* Diseases	·5	-	-	-	-	-	-	-	-
ORDER 2.									
Syphilis - - -	8·9	11	10	1	-	-	-	-	-
Stricture of Urethra -	1·1	1	-	-	-	-	1	-	-
Hydrophobia - -	—	-	-	-	-	-	-	-	-
Glanders - - -	—	-	-	-	-	-	-	-	-
ORDER 3.									
Privation - - -	·5	1	-	-	-	-	-	1	-
Want of Breast-milk	8·6	9	9	-	-	-	-	-	-
Purpura and Scurvy -	2·7	1	1	-	-	-	-	-	-
Alcoholism { *a* Del. Tremens	1·5	-	-	-	-	-	-	-	-
Alcoholism { *b* Intemperance	1·9	-	-	-	-	-	-	-	-
ORDER 4.									
Thrush - - -	2·0	1	1	-	-	-	-	-	-
Worms, &c. - -	·4	1	-	-	-	-	1	-	-
CONSTITUTIONAL.									
ORDER 1.									
Gout - - - -	2·4	6	-	-	-	-	3	3	-
Dropsy - - -	11·8	6	-	-	-	1	3	2	-
Cancer - - -	33·5	44	-	1	-	3	25	15	-
Cancrum Oris (Noma)	·7	-	-	-	-	-	-	-	-
Mortification - -	3·6	2	-	-	-	-	-	2	-
ORDER 2.									
Scrofula - - -	10·1	8	-	2	3	-	2	1	-
Tabes Mesenterica -	17·9	13	4	6	2	1	-	-	-
Phthisis - - -	164·8	188	1	6	16	87	67	11	-
Hydrocephalus - -	25·2	24	7	15	2	-	-	-	-
III. LOCAL.									
ORDER 1.									
Cephalitis - - -	16·4	22	8	9	2	1	-	1	1
Apoplexy - - -	49·1	56	1	2	1	1	20	28	3
Paralysis - - -	35·2	41	-	-	2	4	6	24	5
Insanity - - -	2·4	1	-	-	-	-	1	-	-
Chorea - - -	·5	2	-	-	1	1	-	-	-
Epilepsy - - -	7·7	11	-	-	3	3	3	2	-
Convulsions - -	48·0	42	36	6	-	-	-	-	-
Brain Disease, &c. -	22·4	21	-	-	-	5	7	7	2
ORDER 2.									
Pericarditis - -	2·8	1	-	-	-	-	1	-	-
Aneurism - - -	3·1	2	-	-	-	-	2	-	-
Heart Disease, &c. -	86·1	107	1	1	1	22	33	40	9
ORDER 3.									
Laryngitis - - -	10·7	4	2	1	-	-	1	-	-
Bronchitis - - -	292·2	455	59	44	8	21	101	194	28
Pleurisy - - -	4·5	4	-	1	-	2	1	-	-
Pneumonia - -	103·0	103	17	32	6	15	22	9	2
Asthma - - -	21·5	38	-	-	-	2	14	22	-
Lung Disease, &c. -	20·8	30	5	4	-	2	7	10	2

CAUSES OF DEATH.	Average in the Fifty-second Weeks of the 10 years 1868-77.*	In the Week ending Saturday, December 28, 1878. Deaths of Persons of the Ages: ALL AGES.	Under 20. 0–1.	1–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature -	39°·2	Mean Tem. 32°·7							
ORDER 4.									
1. Gastritis - - -	1·5	3	-	-	-	-	2	1	-
2. Enteritis - - -	5·4	3	-	1	-	1	-	1	-
3. Peritonitis - - -	7·4	2	-	-	1	-	1	-	-
4. Ascites - - -	3·7	1	-	-	-	-	-	1	-
5. Ulceration of Intestines	2·6	2	-	-	-	-	2	-	-
6. Hernia - - -	4·9	5	-	-	-	-	2	3	-
7. Ileus - - - -	3·6	6	2	-	-	-	1	3	-
8. Intussusception -	1·5	3	1	-	-	1	-	1	-
9. Stricture of Intestines	·8	-	-	-	-	-	-	-	-
10. Fistula - - -	1·0	1	-	-	-	-	1	-	-
11. *Stomach Disease, &c.* -	7·3	10	4	-	1	2	1	1	1
12. *Pancreas Disease, &c.*	—	-	-	-	-	-	-	-	-
13. Hepatitis - - -	2·7	2	-	-	-	-	2	-	-
14. Jaundice - - -	4·5	1	1	-	-	-	-	-	-
15. *Liver Disease, &c.* -	20·8	24	-	-	-	5	10	8	1
16. *Spleen Disease, &c.* -	·2	2	-	1	-	-	1	-	-
ORDER 5.									
1. Nephritis - - -	2·0	7	-	-	2	-	4	1	-
2. Ischuria - - -	·1	1	-	-	-	-	-	1	-
3. Bright's Dis. (Nephria)	14·1	20	-	-	1	7	6	5	1
4. Diabetes - - -	2·5	2	-	-	-	-	1	1	-
5. Calculus (Stone) -	·5	1	-	-	-	-	-	1	-
6. Cystitis - - -	1·8	3	-	-	-	-	-	2	1
7. *Kidney Disease, &c.* -	10·2	11	-	1	1	2	5	1	1
ORDER 6.									
1. Ovarian Dropsy -	·6	1	-	-	-	-	-	1	-
2. *Uterus Disease, &c.* -	6·8	2	-	-	-	1	-	1	-
ORDER 7.									
1. Synovitis (Arthritis)	·5	4	1	-	3	-	-	-	-
2. *Joint Disease, &c.* -	6·5	13	2	2	4	3	-	2	-
ORDER 8.									
1. Phlegmon - - -	3·3	3	-	-	-	2	-	1	-
2. Ulcer - - - -	1·0	4	-	1	-	1	2	-	-
3. *Skin Disease, &c.* -	1·2	3	1	1	-	-	-	1	-
IV. DEVELOPMENTAL.									
ORDER 1.									
1. Premature Birth -	23·9	28	28	-	-	-	-	-	-
2. Cyanosis - - -	2·4	3	3	-	-	-	-	-	-
3. Spina Bifida - -	1·3	1	1	-	-	-	-	-	-
4. Other Malformations	2·0	5	5	-	-	-	-	-	-
5. Teething - - -	14·1	9	5	4	-	-	-	-	-
ORDER 2.									
1. Paramenia - - -	·3	-	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever) - -	6·9	3	-	-	-	2	1	-	-
ORDER 3.									
1. Old Age - - -	62·0	90	-	-	-	-	-	44	46
ORDER 4.									
1. Atrophy and Debility	63·5	54	39	6	-	-	-	9	-
V. VIOLENT DEATHS.†									
ORDER 1. (ACCIDT. or NEGLIGENCE.)									
1. Fractures & Contusions	18·1	18	1	-	1	4	5	6	1
2. Wounds { Gunshot	·9	-	-	-	-	-	-	-	-
2. Wounds { Cut, Stab		-	-	-	-	-	-	-	-
3. Burns and Scalds -	8·6	11	-	8	1	-	-	1	1
4. Poison - - -	·6	2	1	-	1	-	-	-	-
5. Drowning - - -	4·5	4	-	-	2	2	-	-	-
6. Suffocation - -	19·6	13	13	-	-	-	-	-	-
7. Otherwise - - -	3·9	6	4	-	2	-	-	-	-
ORDER 3. (HOMICIDE.)									
1. Murder & Manslaughter	1·8	1	1	-	-	-	-	-	-
ORDER 4. (SUICIDE.)									
1 Wounds { Gunshot -	·2	-	-	-	-	-	-	-	-
1 Wounds { Cut, Stab -	1·3	1	-	-	-	1	-	-	-
2. Poison - - -	·9	1	-	-	-	1	-	-	-
3. Drowning - - -	1·0	1	-	-	-	-	1	-	-
4. Hanging - - -	1·0	-	-	-	-	-	-	-	-
5. Otherwise - - -	·2	-	-	-	-	-	-	-	-
ORDER 5. (EXECUTION.)									
1. Hanging - - -	—	-	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - -	·9	-	-	-	-	-	-	-	-
Causes not specified or ill-defined - - -	7·0	2	2	-	-	-	-	-	-

These averages should be raised by seven per cent. for increase of population in order to be comparable with the weekly numbers registered ng 1878.

The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, laughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARI
during the Week end

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Deaths of: Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON - - -	3,254,260	1762	1900	321	580	13	34	48	22	62	1	19	4	10	58	101
WEST DISTRICTS - - - -	561,359	253	294	38	86	1	4	6	3	1	-	4	-	1	15	22
NORTH DISTRICTS - - - -	751,729	448	432	71	156	-	5	11	4	14	-	4	-	3	6	20
CENTRAL DISTRICTS - - -	334,369	99	163	28	50	-	-	3	1	4	-	-	-	2	5	9
EAST DISTRICTS - - - -	639,111	365	397	74	110	-	7	9	4	19	-	4	-	2	16	30
SOUTH DISTRICTS - - - -	967,692	597	614	110	178	12	18	19	10	24	1	7	4	2	16	20
WEST DISTRICTS.																
St. Mary Paddington *WH* G.J. & W.M.	58728	25	23	6	7	-	-	1	-	-	-	-	-	-	2	3
St. John Paddington *H* - - G.J.	38085	7	20	3	10	-	-	-	-	-	-	1	-	-	2	2
Kensington Town *W* - - - W.M.	91645	55	70	7	22	-	2	1	-	1	-	-	-	-	1	4
Brompton *H* - - - W.M. & C.	28654	12	12	1	1	-	-	-	-	-	-	1	-	-	-	-
St. Peter Hammersmith - - W.M.	6662	1	2	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith *H* W.M. & G.J.	36029	22	22	3	3	-	-	2	2	-	-	1	-	-	2	2
Fulham *WwH* - - - W.M. & C.	23350	20	20	2	8	1	-	1	-	-	-	-	-	-	-	-
Chelsea South *HHH* - - - C.	26420	15	13	3	5	-	-	-	-	-	-	-	-	1	-	-
Chelsea North-west *WHHHH* - C.	22926	11	19	-	5	-	1	-	-	-	-	-	-	-	-	-
Chelsea North-east - - - C.	21392	8	13	-	5	-	1	-	1	-	-	-	-	-	-	-
Hanover Square *H* - - - G.J.	18698	3	5	-	3	-	-	-	-	-	-	-	-	-	-	1
May Fair *WW* - - - - G.J.	13358	7	4	-	1	-	-	-	-	-	-	-	-	-	-	-
Belgrave *HH* - - - - C.	57972	18	27	5	8	-	-	-	-	-	-	1	-	-	2	2
St. John Westminster *HH* - - C.	38478	23	11	3	-	-	-	-	-	-	-	-	-	-	1	3
St. Margaret Westminster *WH* - C.	27781	8	15	2	4	-	-	-	-	-	-	-	-	-	4	4
Golden Square *WH* - - - G.J.	12860	6	7	1	1	-	-	-	-	-	-	-	-	-	1	1
Berwick-street *H* - N.R. & G.J.	20759	6	7	-	2	-	-	-	-	-	-	-	-	-	-	-
St. Anne Soho *HHHHH* - - N.R.	17562	6	4	1	1	-	-	1	-	-	-	-	-	-	-	-
NORTH DISTRICTS.																
All Souls Marylebone *HHHH* - W.M.	28579	15	11	1	2	-	-	1	-	-	-	-	-	-	-	-
Cavendish Square *HH* - - - W.M.	15425	2	6	1	3	-	-	-	-	-	-	-	-	-	1	2
Rectory Marylebone *WH* G.J. & W.M.	26384	13	33	1	16	-	-	-	-	-	-	-	-	-	1	1
St. Mary Maryleb. *HHH* G.J. & W.M.	21786	16	11	3	4	-	1	-	-	-	-	-	-	-	-	-
Christchurch Marylebone *H* - W.M.	33944	13	18	1	6	-	1	-	-	1	-	1	-	-	-	-
St. John Marylebone *H* - - W.M.	33136	16	12	1	4	-	1	-	-	-	-	-	-	-	1	-
Hampstead *WwHH* - N.R. & W.M.	32281	10	18	5	5	-	1	-	-	-	-	-	-	-	-	3
Regent's Park Pancras - - - W.M.	38200	22	16	2	5	-	-	-	-	-	-	-	-	-	-	1
Tottenham-court *wHHH* N.R. & W.M.	29370	12	24	3	5	-	-	-	-	-	-	-	-	-	-	1
Gray's Inn Lane *HHH* - - N.R.	29221	20	16	3	6	-	-	-	-	2	-	-	-	1	-	1
Somers Town - - - - N.R.	38533	25	20	3	7	-	-	-	-	1	-	2	-	-	1	1
Camden Town *WH* - - - N.R.	17943	6	13	2	8	-	-	-	-	-	-	-	-	1	-	1
Kentish Town *w* - - - - N.R.	68198	42	35	6	14	-	-	1	-	1	-	-	-	-	-	1
Islington West *HHH* - - N.R.	97820	60	55	16	12	-	1	4	2	5	-	1	-	1	1	3
Islington East *WWwwH* - - N.R.	115958	75	75	11	35	-	-	-	1	1	-	-	-	-	1	4
Stoke Newington *H* - - - N.R.	9841	16	4	-	1	-	-	1	-	1	-	-	-	-	-	-
Stamford Hill - - - - E.L.	6598	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney - - - - N.R.	28069	14	9	2	6	-	-	-	-	-	-	-	-	-	-	-
Hackney *WwwHL* - - E.L. & N.R.	50104	40	36	5	14	-	-	3	-	1	-	-	-	-	-	1
South Hackney - - - - E.L.	30339	28	18	4	3	-	-	1	1	1	-	-	-	-	-	-
CENTRAL DISTRICTS.																
St. George Bloomsbury - - N.R.	17853	4	5	1	2	-	-	-	-	-	-	-	-	-	-	-
St. Giles South *WH* - - - N.R.	19109	8	18	2	7	-	-	1	1	-	-	-	-	-	-	-
St. Giles North - - - - N.R.	16594	7	5	2	1	-	-	-	-	-	-	-	-	1	-	-
St. Martins-in-the-Fields* - N.R. & C.	21238	8	13	2	3	-	-	-	-	-	-	-	-	-	1	1
St. Mary-le-Strand - - - N.R.	9378	-	3	1	2	-	-	-	-	-	-	-	-	-	1	1
St. Clement Danes *H* - - - N.R.	10723	1	6	1	1	-	-	-	-	-	-	-	-	-	1	1
St. George-the-Martyr *HHHHH* N.R.	20521	3	9	2	4	-	-	-	-	-	-	-	-	-	-	1
St. Andrew Eastern *W* - - N.R.	13529	3	15	1	3	-	-	-	-	1	-	-	-	-	1	1
Saffron Hill *H* - - - - N.R.	9066	1	5	1	3	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell *W* - - N.R.	18917	7	6	-	3	-	-	-	-	-	-	-	-	-	-	-
Amwell Clerkenwell - - - N.R.	16884	5	6	2	1	-	-	-	-	-	-	-	-	-	-	1
Pentonville - - - - - N.R.	13337	5	7	2	-	-	-	-	-	1	-	-	-	1	-	1
Goswell-street - - - - N.R.	16242	8	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Old-street *H* - - - - N.R.	12161	10	10	2	3	-	-	1	-	-	-	-	-	-	-	-
City-road *HHL* - - - - N.R.	18301	5	7	4	2	-	-	1	-	-	-	-	-	-	-	-
Whitecross-street - - - - N.R.	13792	7	4	1	1	-	-	-	-	-	-	-	-	-	-	-
Finsbury - - - - - N.R.	10741	3	3	1	-	-	-	-	-	1	-	-	-	-	-	1
St. Botolph *H* - - - N.R. & E.L.	14540	6	8	-	4	-	-	-	-	1	-	-	-	-	-	-
Cripplegate - - - - - N.R.	13638	3	8	1	2	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre *H* - - - - N.R.	7562	2	12	-	3	-	-	-	-	-	-	-	-	-	1	1
St. Bride *W* - - - - - N.R.	11185	1	3	1	1	-	-	-	-	-	-	-	-	-	-	-
Castle Baynard - - - - N.R.	4426	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Christchurch - - - - N.R.	6270	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-
Queenhithe - - - - - N.R.	4753	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking - - - N.R.	5764	1	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street *H* - - - - N.R.	7845	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* On 1st August the sub-districts of Long Acre and Charing Cross were united for registration purposes under the name of St. Martins-in-Fields sub-district.

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Wo house; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it sta see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. sign Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East Lond and K. the Kent Company.

EVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT aturday, 28th December 1878.

REGISTRATION SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
EAST DISTRICTS.																	
Holywell Shoreditch - N.R. & E.L.	12430	2	7	1	3	-	-	-	-	1	-	-	-	-	-	-	-
St. Leonard Shoreditch *HL*† - N.R.	16545	8	8	-	5	-	-	1	-	-	-	1	-	-	-	-	2
Hoxton New Town *w* - - N.R.	27835	24	10	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Hoxton Old Town - - N.R.	26933	11	13	2	6	-	1	-	1	-	-	-	-	-	-	1	-
Haggerston *WH* - - N.R. & E.L.	43421	23	29	4	10	-	1	3	-	-	-	1	-	-	-	-	5
Hackney-road *H* - - - - E.L.	29822	21	20	4	6	-	-	-	-	2	-	-	-	-	1	3	1
Green, Bethnal Green *WHL*† - E.L.	42433	30	50	9	16	-	1	-	-	3	-	-	-	-	1	3	22
Church, Bethnal Green - - E.L.	26577	6	12	3	3	-	2	-	-	1	-	-	-	-	2	3	-
Town, Bethnal Green - - - E.L.	21272	7	5	-	1	-	1	-	-	-	-	-	-	-	-	-	-
Spitalfields *H* - - E.L. & N.R.	22499	12	10	4	1	-	1	1	1	-	-	1	-	-	2	3	-
Mile End New Town *W* - - E.L.	15550	10	21	1	11	-	-	2	-	-	-	-	-	-	-	-	15
Whitechapel North - E.L. & N.R.	11597	4	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Whitechapel Church *H* - - E.L.	7322	3	17	1	2	-	-	-	-	-	-	1	-	-	2	3	12
Goodman's Fields - - - E.L.	10381	7	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Aldgate - - - - N.R. & E.L.	9224	2	2	1	-	-	-	-	-	-	-	-	-	-	-	1	-
St. Mary St. George East - - E.L.	17900	10	8	4	-	-	-	-	-	1	-	-	-	-	-	-	-
St. Paul St. George East - - E.L.	21350	9	6	-	2	-	-	-	1	-	-	-	-	-	1	-	-
St. John St. George East *W* - E.L.	8802	4	6	-	2	-	-	-	-	-	-	-	-	-	-	-	5
Shadwell *H* - - - E.L. & N.R.	11640	2	7	1	2	-	-	1	-	-	-	-	-	-	-	1	3
Ratcliff - - - - - - E.L.	16131	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Limehouse - - - - - E.L.	29919	15	14	3	3	-	-	-	-	-	-	-	-	-	1	1	-
Mile End Old Town West - - E.L.	38128	28	15	2	6	-	-	-	-	-	-	-	-	1	-	-	-
Mile End Old Town East *WwwH* - E.L.	55024	37	29	5	12	-	-	-	-	3	-	-	-	-	2	4	9
Bow *wwwH* - - - - - E.L.	67765	57	66	13	14	-	-	1	-	4	-	-	-	-	2	4	23
Poplar *WW* - - - - - E.L.	48611	28	31	12	2	-	-	-	1	4	-	-	-	1	2	3	1
SOUTH DISTRICTS.																	
Christchurch Southwark *WH* L. & S.	14573	7	10	3	5	-	-	-	-	-	-	-	-	-	-	-	2
St. Saviour Southwark *H* - - S.	15677	5	9	-	1	-	-	1	-	-	-	-	-	-	-	-	-
Kent-road - - - S. & L.	20421	13	9	2	3	-	-	-	1	-	-	-	-	-	-	-	-
Borough-road *WH* - - S. & L.	16695	7	10	2	2	-	1	-	-	-	-	-	-	-	-	-	4
London-road *HL* - - L. & S.	18961	2	7	2	3	-	-	2	-	-	-	-	-	-	-	-	-
Trinity Newington - - S. & L.	23682	21	7	3	2	1	1	-	-	-	-	-	-	-	-	-	-
St. Peter Walworth *W* - S. & L.	48248	23	42	3	12	-	-	-	-	3	-	1	-	-	-	-	8
St. Mary Newington - - L. & S.	16792	12	8	4	-	-	-	-	1	-	-	-	-	-	-	-	-
St. Olave Southwark *H* - - S.	4373	-	20	-	2	-	-	-	1	-	-	1	-	-	4	4	20
St. John Horsleydown *W* - - S.	10500	5	5	1	1	-	-	-	-	-	-	-	-	-	1	1	-
Leather Market - - S. & L.	16787	5	5	2	1	-	-	1	-	-	-	-	-	-	-	-	-
St. Mary Magdalen *W* - - S.	15709	8	17	3	7	-	-	2	-	-	-	1	-	-	-	-	5
St. James Bermondsey - - S.	47933	30	31	10	4	-	1	2	-	2	-	1	-	-	-	-	-
Rotherhithe *W.* - - - S. & K.	27096	21	15	4	4	-	-	-	-	2	-	-	-	-	-	-	1
Waterloo-road 1st *H* - - L. & S.	14074	2	9	1	1	-	2	-	-	-	-	-	-	-	-	-	-
Waterloo-road 2nd *H* - - L. & S.	18465	3	7	2	-	-	1	-	-	-	-	-	-	-	1	2	-
Lambeth Church 1st *H* - L. & S.	19492	9	19	1	4	-	1	-	-	-	-	-	-	-	4	4	14
Lambeth Church 2nd *WW* - L. & S.	35833	23	33	5	10	-	2	2	-	3	-	-	-	1	-	1	13
Lennington 1st - - - S. & L.	41286	19	23	4	9	-	-	3	1	-	-	-	1	-	-	-	-
Lennington 2nd - - - S. & L.	31221	20	15	2	6	-	-	-	-	-	-	-	-	-	-	-	-
Brixton *w* - - - - L. & S.	35435	35	24	4	8	-	-	-	-	2	1	1	1	-	1	1	2
Norwood *W* - - - - - L.	12536	6	6	-	2	-	-	-	-	1	-	-	-	-	1	1	-
Clapham *H* - - - - - S.	27347	25	20	5	6	-	-	3	-	2	-	-	-	-	1	2	-
Battersea *Ww* - - - - S.	54016	41	37	7	12	-	-	2	2	-	-	-	-	1	1	1	5
Wandsworth *HL* - - - S.	19783	25	7	1	2	-	-	-	-	-	-	-	-	-	1	2	1
Putney - - - - - - S.	9439	6	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Streatham - - - - - - L.	14475	7	6	2	3	-	-	-	-	1	-	-	-	-	-	-	-
Dulwich - - - - L. & S.	4041	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Camberwell *WL*†*L*† - - S. & L.	31254	23	37	4	15	-	-	-	-	1	-	-	1	-	-	-	20
Peckham *W* - - - S., L., & K.	42160	41	30	5	13	-	1	-	1	-	-	1	-	-	1	1	-
St. George Camberwell - - L. & S.	33851	15	23	5	3	-	3	1	-	1	-	-	1	-	-	-	-
St. Paul Deptford *w* - - - K.	53714	43	30	5	5	11	-	-	-	-	-	-	-	-	-	-	10
St. Nicholas Deptford - - - K.	6474	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Greenwich West - - - - K.	21034	9	12	2	7	-	-	-	-	-	-	1	-	-	-	-	-
Greenwich East *WH* - - - K.	19378	10	13	1	7	-	-	-	1	1	-	-	-	-	-	-	7
Lewisham *H* - - - - - K.	4539	2	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Lewisham - - - - - - K.	16440	9	4	1	2	-	-	-	-	1	-	-	-	-	-	-	-
Lewisham Village *WH* - - K.	11513	14	6	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Plumstead *H* - - - - L.	19065	9	8	3	2	-	1	-	-	1	-	-	-	-	-	-	3
Charlton *H* - - - - - K.	9564	1	5	-	1	-	-	-	-	1	-	-	-	-	-	-	-
Woolwich Dockyard - - - K.	17226	6	10	1	2	-	-	-	-	1	-	-	-	-	-	-	2
Woolwich Arsenal *WHH* - - K.	18331	10	6	2	-	-	-	-	-	1	-	-	-	-	-	-	-
Plumstead, West - - - - K.	13027	8	4	1	1	-	-	-	2	-	-	-	-	-	-	-	-
Plumstead, East *W* - - - K.	15232	10	15	5	4	-	4	-	-	-	-	-	-	-	-	-	6

he following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the e Table by *w*:—

Central London Sick Asylum in Tottenham-court sub-district.
London City Workhouse in Islington East sub-district.
Holborn Infirmary " " Kentish Town sub-district.
London City Workhouse " " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.
London City Workhouse in { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in Battersea sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul Deptford sub-districts.

† Private Lunatic Asylums in which paupers are received.

TABLE 7.—LONDON—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 28th December 1878.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres.	Enumerated Population, 1871.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include: Deaths of: Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Deaths from: Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions
	LONDON—OUTER RING	368,414	631,381	404	397	79	127	–	2	8	5	15	2	2	5	15	41
29 : 1	Carshalton *wL* - - -	12228	13523	8	11	2	6	–	–	–	–	–	–	–	–	–	7
2	Epsom (*part of*) * *WH* -	9971	9145	3	4	–	2	–	–	1	–	–	–	–	–	–	–
36 : 1	Godstone (*part of*) * - -	2754	900	–	1	–	–	–	–	–	–	–	–	–	–	1	–
37 : 1	Croydon *WWH* - - -	20851	71319	44	40	2	13	–	–	2	3	2	1	–	1	2	2
2	Mitcham *WH* - - -	11697	12534	4	8	1	2	–	–	2	–	–	–	–	–	–	–
38 : 1	Wimbledon *HH* - - -	3220	9087	11	4	2	1	–	–	–	–	–	–	1	–	–	–
2	Kingston *WH* - - -	8549	27489	14	10	1	4	–	–	–	–	–	–	–	–	–	–
3	Esher (*part of*) * - -	6601	7353	2	3	–	–	–	1	–	–	–	–	–	–	–	–
4	Hampton - - - -	4573	10185	11	7	2	2	–	–	–	–	–	–	–	–	–	–
39 : 1	Richmond *WH* - - -	2271	16829	7	9	4	2	–	–	–	–	–	–	–	1	1	1
2	Mortlake - - - -	2961	9316	4	4	2	1	–	–	–	–	–	–	–	–	–	–
40 : 1	Bromley (*part of*) * *HH* -	15669	19509	4	7	–	3	–	–	–	–	–	–	–	–	–	–
2	Chislehurst (*part of*) * *W* -	13665	10028	4	8	1	3	–	–	–	–	–	–	–	–	–	1
41 : 1	Bexley *H* - - - -	13439	19566	15	8	2	4	–	–	–	–	1	–	–	–	–	–
123 : 1	Sunbury *W* - - -	11055	9860	4	6	1	3	–	–	–	–	–	–	–	–	–	–
2	Staines *W* - - - -	13277	10339	3	10	1	5	–	–	–	–	–	–	–	1	1	4
124 : 1	Hillingdon *WH* - - -	6029	9712	6	11	1	8	–	–	–	–	–	–	–	–	2	3
2	Uxbridge - - - -	6178	5329	5	–	–	–	–	–	–	–	–	–	–	–	–	–
3	Hayes *WL* - - - -	14587	10497	3	8	–	1	–	–	–	–	–	–	–	–	–	5
125 : 1	Isleworth *W* - - -	7008	19930	7	14	1	9	–	–	–	–	–	–	–	–	–	7
2	Twickenham - - -	2477	10533	6	9	4	1	–	–	1	–	–	–	–	–	–	–
3	Brentford *HL* - - -	4370	20279	23	14	4	5	–	–	–	–	1	–	–	–	–	–
4	Chiswick - - - -	1311	8508	8	6	2	–	–	–	–	–	1	–	–	–	1	–
5	Acton *WH* - - - -	6087	12683	12	7	2	2	–	–	–	–	–	–	1	–	–	–
126 : 1	Harrow *H* - - - -	13809	10869	7	6	2	1	–	–	–	1	1	–	–	–	–	–
2	Edgware *H* - - -	6994	3450	4	–	–	–	–	–	–	–	–	–	–	–	–	–
3	Willesden - - - -	4383	15869	10	15	5	–	–	–	–	–	–	–	–	–	1	–
4	Hendon *WH* - - -	8382	6972	8	3	1	2	–	–	–	–	–	–	–	–	–	–
127 : 1	South Mimms - - -	15419	5924	1	6	–	1	–	–	–	–	–	–	–	1	1	–
2	Barnet *W* - - - -	5423	7752	7	2	–	1	–	–	–	–	1	–	–	–	–	–
3	Finchley *L* - - - -	4688	11493	6	10	–	4	–	–	–	–	–	–	–	–	–	–
128 : 1	Hornsey *H* - - - -	3039	19357	25	16	3	6	–	–	–	–	1	–	–	–	2	–
2	Tottenham *H* - - -	4642	22869	13	19	3	8	–	1	1	–	1	–	–	–	1	–
3	Edmonton *WW* - - -	7483	13860	6	14	3	5	–	–	–	–	1	–	–	–	–	–
4	Enfield *WH* - - -	12653	16054	8	5	1	1	–	–	–	1	–	–	–	1	2	–
5	Waltham Abbey - - -	11017	5197	2	2	1	–	–	–	–	–	–	–	–	–	–	–
6	Cheshunt - - - -	8493	7518	3	3	1	2	–	–	–	–	–	–	–	–	–	–
134 : 1	Hatfield (*part of*) * - -	3180	559	–	–	–	–	–	–	–	–	–	–	–	–	–	–
136 : 1	Bushey - - - -	9028	6472	5	2	1	–	–	–	–	–	–	–	–	–	–	–
185 : 1	Stratford - - - -	882	23286	15	13	3	2	–	–	1	–	–	–	–	–	–	–
2	West Ham *WWWW* - -	7345	44642	43	41	13	8	–	–	–	–	3	1	–	–	–	–
3	Leyton *WW* - - -	4274	15513	11	8	2	4	–	–	–	–	–	–	–	–	–	–
4	Walthamstow *H* - -	6619	15701	8	7	–	1	–	–	–	–	–	–	–	–	–	–
186 : 1	Chigwell (*part of*) * *H* -	10483	8169	1	1	1	–	–	–	–	–	1	–	–	–	–	–
188 : 1	Romford (*part of*) * - -	6730	2879	2	5	1	1	–	–	–	–	–	–	–	–	–	–
2	Ilford - - - - -	8492	5947	4	4	–	3	–	–	–	–	–	–	–	–	–	–
3	Barking Town - - -	4128	6576	4	6	3	–	–	–	–	–	1	–	–	–	–	–

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow 29 : 2, the whole of Epsom sub-district, except the parish of Ashstead (pop. 906); 36 : 1, the two parishes of Warlingham and Farley in Godsto sub-district; 38 : 3, the whole of Esher sub-district, except the parish of Esher (pop. 1815); 40 : 1, the whole of Bromley sub-district, except t two parishes of Cudham and Knockholt (pop. 1744); 40 : 2, the whole of the Chislehurst sub-district, except the parish of Chelsfield (pop. 90 134 : 1, only the parish of Northaw in Hatfield sub-district; 186 : 1, the whole of the Chigwell sub-district, except the parish of Thoidon-B (pop. 798); 188 : 1, only the parish of Dagenham in Romford sub-district.

LE 8.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 28th December 1878.

THE REATER ONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1878.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
						Deaths of		Deaths from								Deaths in Public Institutions.
			From All Causes.	From Seven Zymotic Diseases.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	
ER LONDON	446,494	4,450,015	26·9	2·9	2297	400	707	13	36	56	27	77	26	12	63	435
R LONDON -	78,080	3,577,304	27·7	3·1	1900	321	580	13	34	48	22	62	24	10	58	394
ER RING -	368,414	872,711	23·7	2·0	397	79	127	–	2	8	5	15	2	2	5	41

—The area of the Greater London is 446,494 acres; of which 4,907 acres are tidal water and foreshore. This area is equal 7 square miles, which is equivalent to the area of a circle having a radius of 14·902 miles. The Outer Ring has an area acres, of which 2,189 acres are foreshore and tidal water. The Inner London, as now constituted, contains 78,080 acres, 2,718 acres are tidal water and foreshore; its area is, therefore, 122 square miles, equal to the square of a little more than to the side, and a circle of 6·23 miles radius.

TABLE 9.—BIRTHS and DEATHS, and Rate of MORTALITY in 29 FOREIGN CITIES, having an estimated Aggregate Population of 12,758,933 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS. Exclusive of Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM EPIDEMIC DISEASES.
CALCUTTA - -	429,535	November 23	–	407	49·4	Cholera 21; fevers 204.
BOMBAY - -	644,405	„ 26	–	539	34·3	Fevers 195; cholera 7.
MADRAS - -	397,552	„ 15	283	323	42·2	Fevers 106.
PARIS - - -	1,988,806	December 26	–	938	24·6	Typhoid fever 20; diphtheria 14; small-pox 5.
GENEVA - -	68,792	„ 21	29	31	23·5	Small-pox 1.
BRUSSELS - -	175,782	„ 14	113	95	28·2	—
AMSTERDAM -	302,266	„ 21	239	147	25·3	Typhoid fever 3.
ROTTERDAM -	142,585	„ 21	122	80	29·1	Scarlet fever 5.
THE HAGUE -	107,896	„ 21	70	64	30·8	Measles 13.
COPENHAGEN -	220,000	„ 17	143	104	24·7	Typhoid fever 2.
STOCKHOLM -	152,825	„ 14	–	43	14·6	Typhoid fever 2.
CHRISTIANIA -	105,000	„ 21	66	33	16·0	Diphtheria and croup 2.
ST. PETERSBURGH	669,741	„ 14	–	526	41·1	Small-pox 35; typhus and typhoid fevers 28.
BERLIN - -	1,019,620	„ 7	853	496	24·7	Scarlet fever 11; diphtheria 35.
HAMBURG (State)	406,104	„ 14	291	190	24·4	Scarlet fever 4; diphtheria and croup 7.
DRESDEN - -	207,845	„ 14	126	83	20·5	Diphtheria and croup 8.
BRESLAU - -	267,000	„ 21	179	138	26·9	—
MUNICH - -	222,000	„ 21	161	144	34·0	Diphtheria and croup 3.
VIENNA - -	727,271	„ 21	524	389	27·8	Small-pox 11; diphtheria 31.
BUDA-PESTH -	319,530	„ 14	238	231	37·6	Small-pox 7; diphtheria 7.
ROME -	282,214	November 16	168	155	28·7	Typhus and typhoid fevers 3.
NAPLES - -	457,407	„ 25	–	224	25·6	Small-pox 3; typhus 4.
TURIN - -	227,843	December 14	150	142	32·5	Diphtheria and croup 9.
VENICE - -	139,796	„ 14	–	–	–	—
ALEXANDRIA -	212,034	„ 12	215	189	46·5	Whooping-cough 9; diphtheria 2.
NEW YORK -	1,084,528	November 16	–	518	24·9	Scarlet fever 17; diphtheria 23.
BROOKLYN -	549,438	„ 23	–	184	17·4	Scarlet fever 8; diphtheria 14.
PHILADELPHIA	876,118	December 7	–	295	17·6	Scarlet fever 12; diph. 13; typhoid fever 8.
BALTIMORE -	355,000	„ 7	–	120	17·1	Typhoid fever 5; scarlet fever 2.

TABLE 10.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 28th DECEMBER, 1878.

[*Under the Superintendence of the Astronomer Royal.*]

1878. Month and Day.	Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	Difference. Between Dew Point Temperature and Air Temperature. Mean daily value.	Difference. Between Dew Point Temperature and Air Temperature. Greatest.	Difference. Between Dew Point Temperature and Air Temperature. Least.	Difference. Between mean temperature of the same day and mean temperature of the same day on an average of 60 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Osler's. General Direction. P.M	Osler's. Pressure on square foot. Greatest.	Osler's. Pressure on square foot. Least.	Osler's. Pressure on square foot. Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	Robinson's. Departure from Average of 16 years.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
DECEMBER.		in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Miles.	Inches	
SUN. . 22	..	29·605	33·4	24·3	9·1	29·9	28·6	36·8	24·0	34·3	32·8	1·3	2·4	0·0	− 8·9	95	WSW. & W.	Calm & WSW.	1·7	0·0	0·1	242	− 55	0·14	0·8
MON. . 23	Greatest Dec. S. New.	29·742	31·1	19·8	11·3	26·0	22·3	52·0	18·0	34·1	32·3	3·7	5·6	1·4	−12·4	84	WSW.	WNW. & WSW.	0·5	0·0	0·0	202	− 87	0·00	0·2
TUES. . 24	..	30·177	27·4	13·4	14·0	20·8	20·0	31·2	13·0	33·8	32·1	0·8	4·9	0·0	−17·4	96	WSW.	Calm & S.	0·0	0·0	0·0	84	−198	0·00	0·8
WED. . 25	..	29·760	31·7	12·2	19·5	26·6	24·9	43·2	12·2	34·1	32·3	1·7	3·4	0·0	−11·4	92	E. & SE.	E. & ESE.	3·0	0·0	0·1	214	− 64	0·10	0·0
THURS. 26	..	29·268	46·3	31·7	14·6	42·2	41·5	48·0	30·0	34·1	32·3	0·7	2·0	0·0	+ 4·4	98	ESE. & S.	SSW.	3·0	0·0	0·2	320	+ 44	0·12	0·0
FRI. . 27	..	29·263	46·3	36·0	10·3	40·7	40·2	58·9	34·3	34·3	32·3	0·5	1·7	0·0	+ 3·1	98	SSW.	WSW. SW. & SE.	1·3	0·0	0·1	236	− 39	0·13	0·0
SAT. . 28	..	29·428	46·9	37·1	9·8	42·4	40·6	62·1	34·9	35·3	33·3	1·8	3·8	0·0	+ 4·9	93	W. & SW.	SSW. & SSE.	3·0	0·0	0·3	361	+ 86	0·01	0·0
MEANS .	..	29·606	37·6	24·9	12·7	32·7	31·2	47·5	23·8	34·3	32·5	1·5	3·4	0·2	− 5·4	94	Variable.		..	..	..	Sum 1659	Sum −313	Sum 0·50	0·3
No. of Col.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE. DECEMBER.		Electricity.	Registered Sunshine, in hours.	Sun above Horizon, in hours.	SKY AND ATMOSPHERE.
SUNDAY .	22	The Electrometer was not in action throughout the week.	0·0	7·7	Overcast. Foggy. Very gloomy at times. Snow fell frequently till afternoon.
MONDAY .	23		3·4	7·7	A fine day. The amount of cloud was small.
TUESDAY .	24		0·0	7·7	Very little cloud, but misty and foggy throughout. Hoar frost. At night the fog was very dense. Thin ice in the River Thames.
WEDNESDAY	25		0·0	7·7	Cloudy. Hoar frost in morning. Part of a solar halo seen shortly before noon. Snow and sleet in afternoon and evening. Much ice in the river.
THURSDAY .	26		0·0	7·8	Overcast. Rain. A very rapid thaw. Ice diminishing in the river.
FRIDAY .	27		0·2	7·8	Cloudy. Occasional rain. Ice diminishing rapidly in the river.
SATURDAY .	28		0·0	7·8	A little rain fell in the early morning hours. Cloudy. No ice in the river.
			Sum 3·6	Sum 54·2	

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. By comparisons made in the year 1840 with the Royal Society's flint glass standard it was considered that the readings of the barometer were coincident with those of that standard.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value (column 8). The mean daily dew point and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air for 60 years is that given by Mr. Glaisher in his paper "On the Mean Temperature of every day, from all the Thermometrical Observations taken at the Royal Observatory, Greenwich, from the year 1814 to the end of 1873." *See Quarterly Journal of the Meteorological Society, Vol. 3., New Series, page* 217.

* In reading the 17th and 25th columns it will be borne in mind that + is read "*higher*," and − "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the Police Ship "Royalist," at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Sir E. Y. W. Henderson, R.E., K.C.B., Chief Commissioner of Metropolitan Police.

The numbers in column 29, derived from Campbell's Registering Sun Dial, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29·68 in. at the beginning of the week to 29·59 in. by noon on the 22nd; increased to 30·20 in. by 3h. P.M. on the 24th; decreased to 29·23 in. by noon on the 26th;